

1944

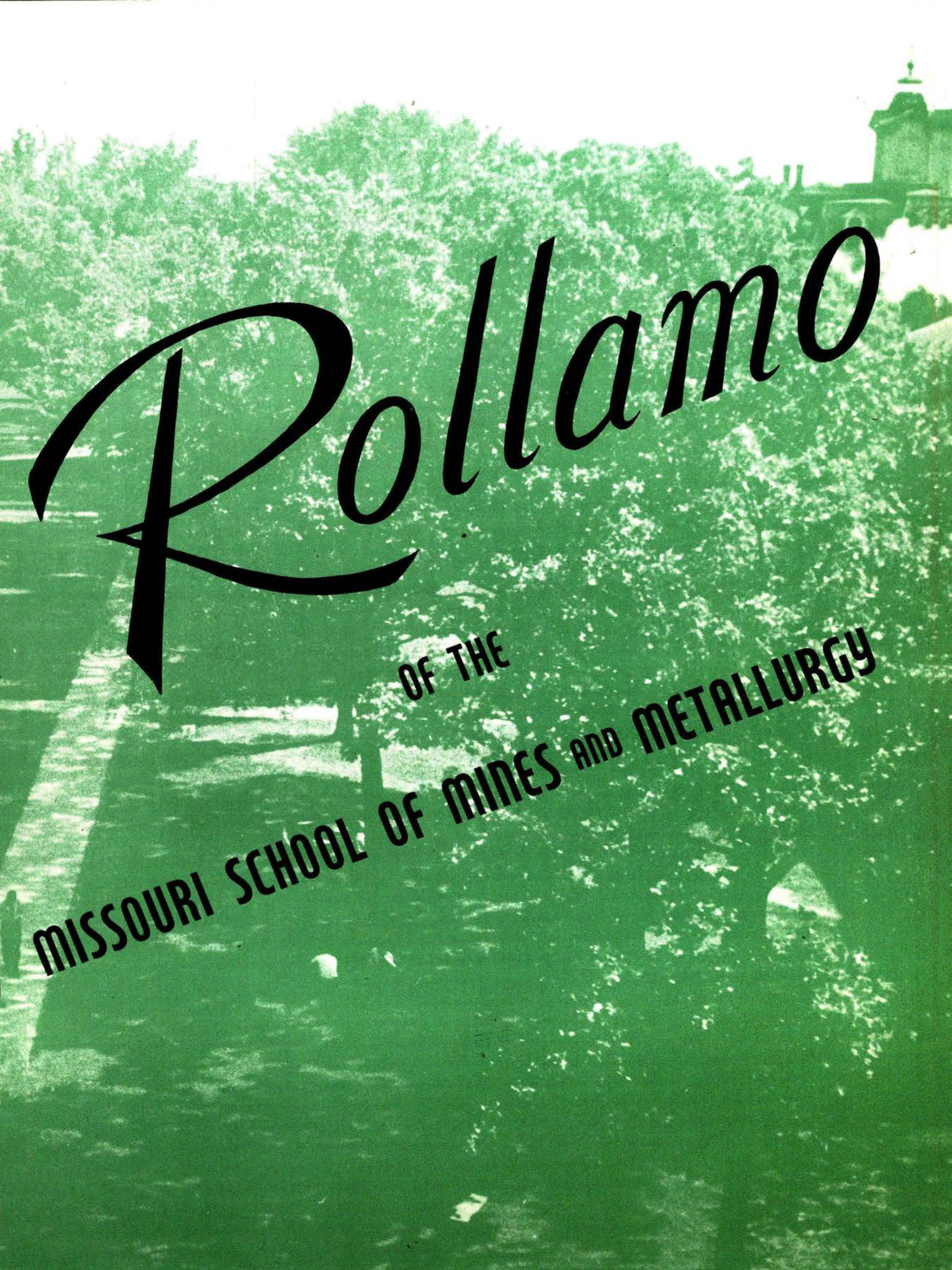
ROLLAMO

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MINI SCHOOL OF MINES



*the 1944*



# *Rollamo*

OF THE  
MISSOURI SCHOOL OF MINES AND METALLURGY



*Dr. J. W. Barley*  
Professor Emeritus of English

# *We Honor -*



*DR. J. W. BARLEY, for fifty-one years a member of the Faculty of the School of Mines and Metallurgy, retired last fall under the Carnegie Foundation and became Professor Emeritus of English.*

*His long and efficient service began thirty-one years ago when he came to the Missouri School of Mines to assume the position of Assistant Professor of English and Modern Languages. His keen intellect and superior teaching ability were immediately recognized; and in September, 1914, he was promoted to the rank of Associate Professor of English. In September, 1915, he was promoted to full professorship.*

*For eighteen years he directed the summer session of the School of Education of the University of Missouri which was given on the campus of the School of Mines. He is known and loved by hundreds of teachers throughout Missouri and by thousands of engineering graduates of the School of Mines.*

*Few men have been so closely associated with the Missouri School of Mines, and few have given so untiringly of their service. For that service we dedicate this ROLLAMO in humble appreciation.*



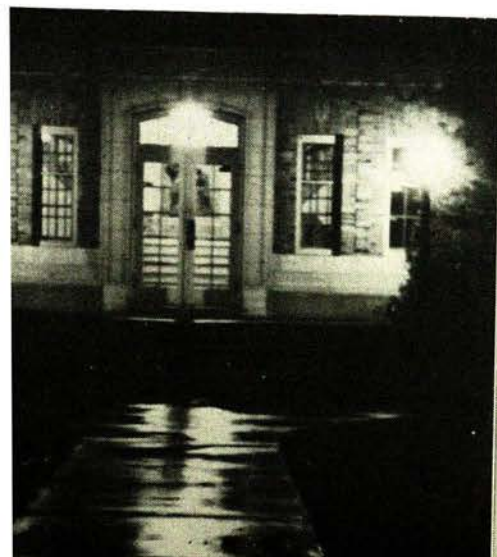
## IN EXPLANATION

This, the "1944 ROLLAMO," was published by the Blue Key National Honor Fraternity in an effort to continue to provide you with a lasting portrayal of your days at M. S. M. as you will always want to remember them. The extensive loss of experienced men on the Rollamo Board prevented that organization from publishing this Rollamo.

We hope that the various changes and rearrangements will gain your approval and wish to thank you for your cooperation, which made this Rollamo possible.

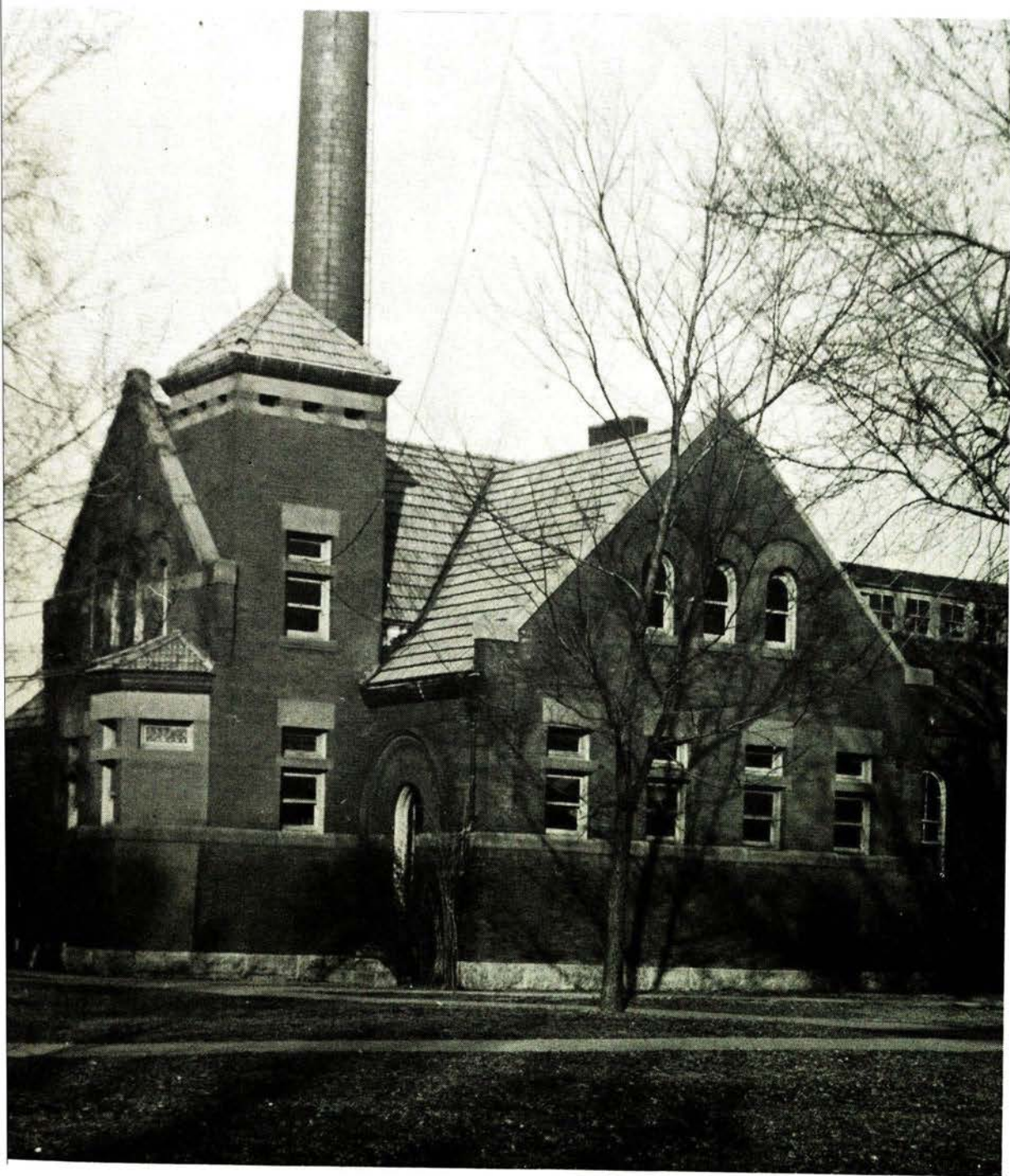
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SOCIAL FRATERNITIES . . . . .









## The School

Many milestones have been passed in the evolution of education from the "Three R's" to the broad and comprehensive organization of today. It has made possible a standard of living and a stabilization of government approached by no other country.



# MINING ENGINEERING

PALEOLITHIC MAN, mining the flints which were the mineral wealth of civilization some 450,000 years ago, might be called the early predecessor of the modern mining engineer. Mining engineering has since that time been characteristically based on a continued and increased application of the principles of basic science and fundamental engineering knowledge to the problems involved in obtaining mineral wealth. Ore winning technique and ore finding technique have improved along with the demands of an ever growing industrial world to the extent that more ore has been mined in the twentieth century than in all previous history. The mining engineer leads the way by supplying raw materials for other branches of industry. In times of war, mining engineers are called upon to bend every effort to the finding and supplying of numerous strategic raw materials required for an ever hungry military machine.



Mining, petroleum, and mine geological engineering curricula are based on the needs involved in winning ores and solid fuels, developing and producing liquid fuels, and the scientific discovery of these materials. Class room and laboratory work is further clarified by inspections of important mining or petroleum operations available comparatively close to the school.

Mining engineering graduates are to be found in all countries and states, wherever mining activity exists. As in all other branches of engineering or industrial work, much depends upon the man—how hard he works and studies, how carefully he plans his personal campaign for success, and how well he succeeds in getting along with his fellow-workers.





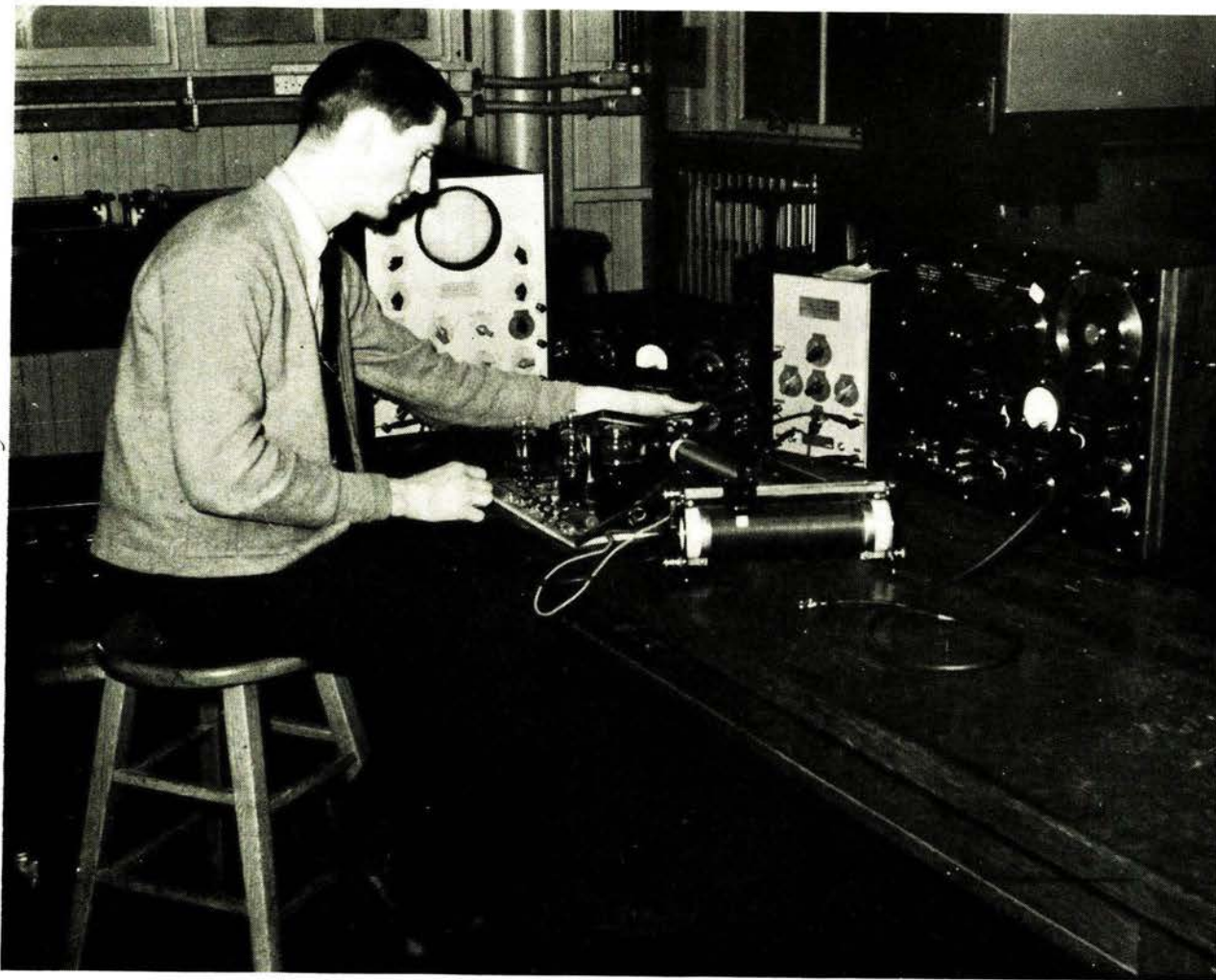
# METALLURGICAL ENGINEERING

METALLURGY may be defined as that branch of engineering that concerns the extraction of metals from ores and various types of concentrates, the refining of these metals, the manufacture of these metals, the manufacture of alloys, and then fabricating both metals and alloys into useful shapes for human utilization.

The metallurgical engineering student receives a thorough training in both Process Metallurgy and Physical Metallurgy. The necessary theory is substantiated with practical work in the various courses, and adequate equipment is available to give the student an opportunity to develop sufficient technique and be immediately useful upon entering his chosen profession. Further, the laboratories are well equipped for original research in pyro-metallurgy, hydro-metallurgy, or electro-metallurgy in the process metallurgical field; and for work in the various thermal, physical, and chemical tests as well as the study of structures, both microscopic and macroscopic in the physical metallurgical field.

During the past ten years, considerable progress has been made in both ore dressing and metallurgy; the use of the microscope, the spectrograph, X-rays, permeameters, magnetometers, sonic testing, and even Gamma-rays, are now employed to further man's knowledge of ores, metals, and alloys. The increased demand placed on the industry by the National Emergency is being met, and the Metallurgical Engineer stands out as one of the key-men in National Defense.





# ELECTRICAL ENGINEERING

ELECTRICAL ENGINEERING may be defined as the practical application of electricity to the needs of man. The history of the development of its fundamental principles may be considered as beginning with the first use of magnetism nearly 5,000 years ago.

Electrical engineers, in the many branches of the field, serve the entire world. At present the emphasis is on Power and Communications engineering—the generation, transmission and distribution of power necessary to keep manufacturing plants in operation and the design, operation and maintenance of wire and radio communication systems vital to the successful waging of war.

The fundamental principles underlying electrical phenomena are the same in all branches of electrical engineering, therefore, in the curriculum at the Missouri School of Mines, emphasis is placed on the fundamental principles, rather than their application in a special field.

Theoretical classroom work is accompanied by laboratory courses to present the fundamental electrical testing methods, and to aid the student in the formation of habits of laboratory observation and proper preparation of technical reports.

The Electrical Engineer who enters industry finds employment in such departments as test, design, application, construction, patent law, research, sales and administration. The future of the electrical engineering profession is most promising as the "Electrical Age" is in its infancy.



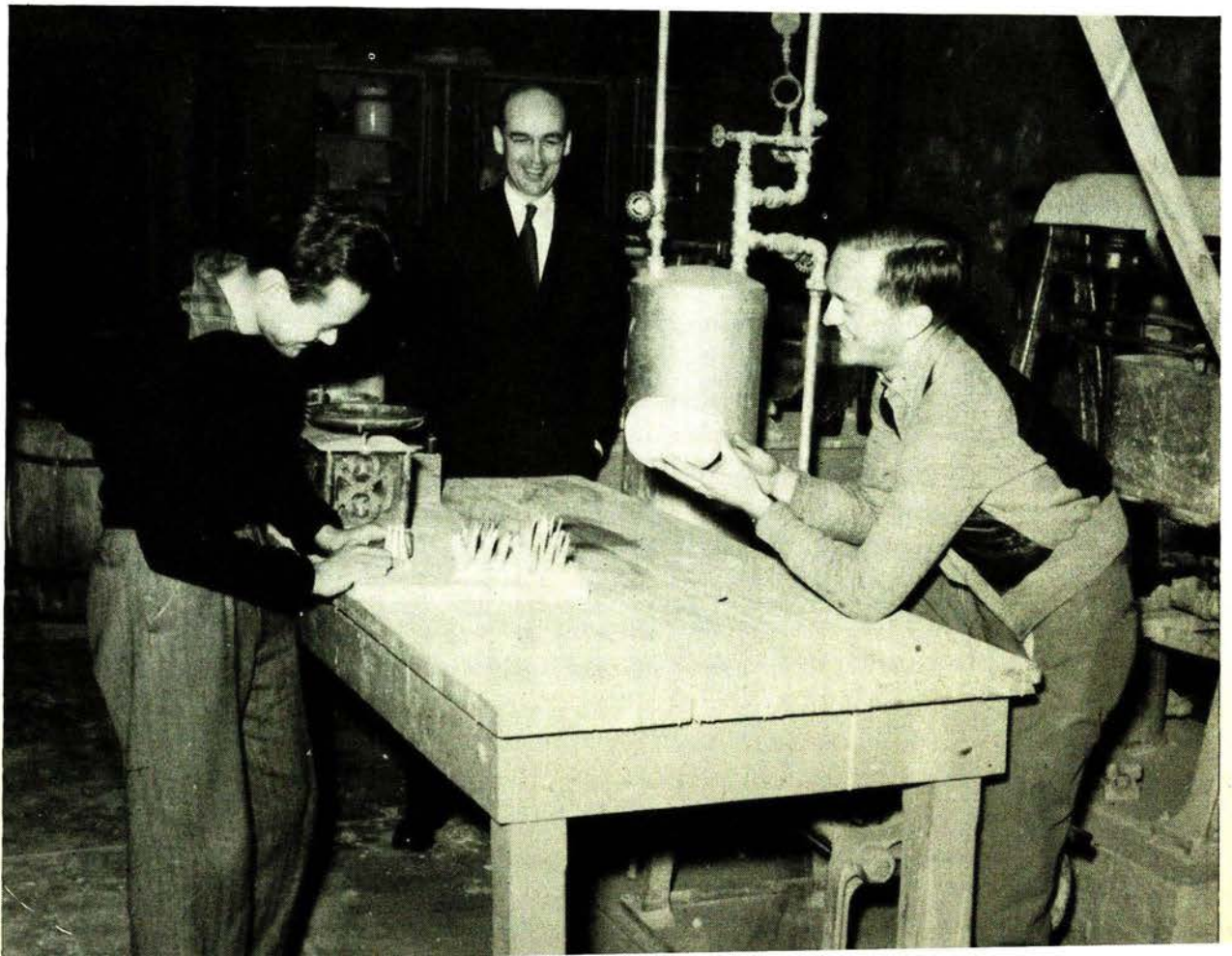
# CERAMIC ENGINEERING

CERAMIC ENGINEERING is that engineering concerned with the manufacture of products useful to civilization from the non-metallic, inorganic-material, in the processing of which high temperatures are employed. The ceramic branch of engineering includes the following fields of manufacture: structural claywares; refractories and fire brick; porcelain enamelware; glass wares; electrical porcelain; dinnerware; abrasive wheels; and cements, limes and plasters. These products are greatly needed by our present-day civilization and have made possible many of the marvels of the modern age.

The students in the Ceramic Engineering course receive a well-grounded basic course in chemistry, physics, and mathematics before branching out into the various ceramic subjects. The most important of these is chemistry, since ceramics is vitally concerned with high-temperature chemistry, or the reactions which take place in various mixtures when they are heated to the extremely high temperatures usually employed.

The Missouri Clay Testing and Research Laboratories are operated in connection with the Ceramic Engineering Department, which allows ceramic students to gain an intimate knowledge of standard testing methods and research procedure.

Since 1898, when ceramic education began in America, less than two thousand graduates have gone out into this oldest and most diversified industry composed of more than thirty-five hundred plants in the United States. During the present war emergency, the demand for ceramic engineers is even greater while the supply is seriously depleted.



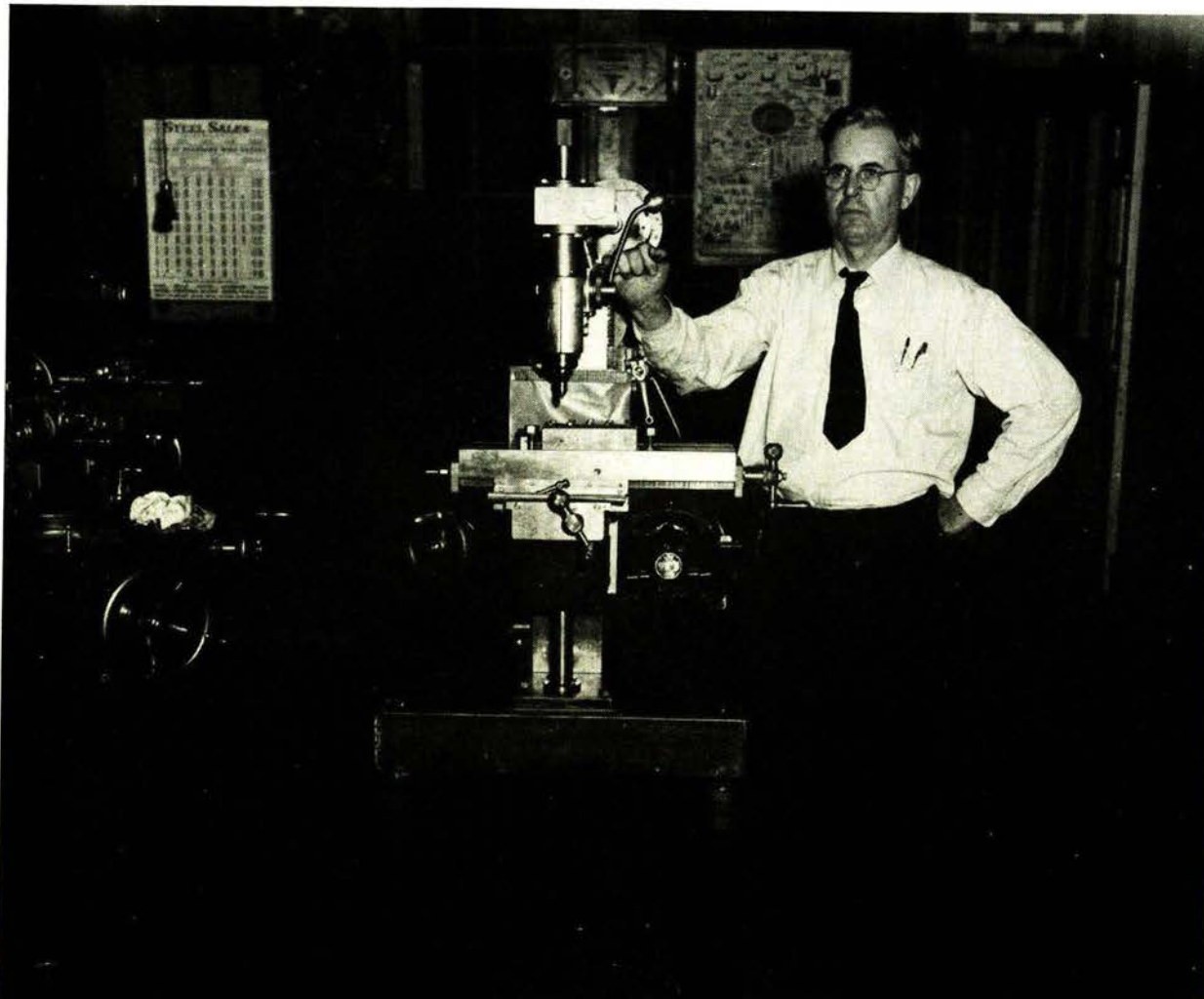
# MECHANICAL ENGINEERING

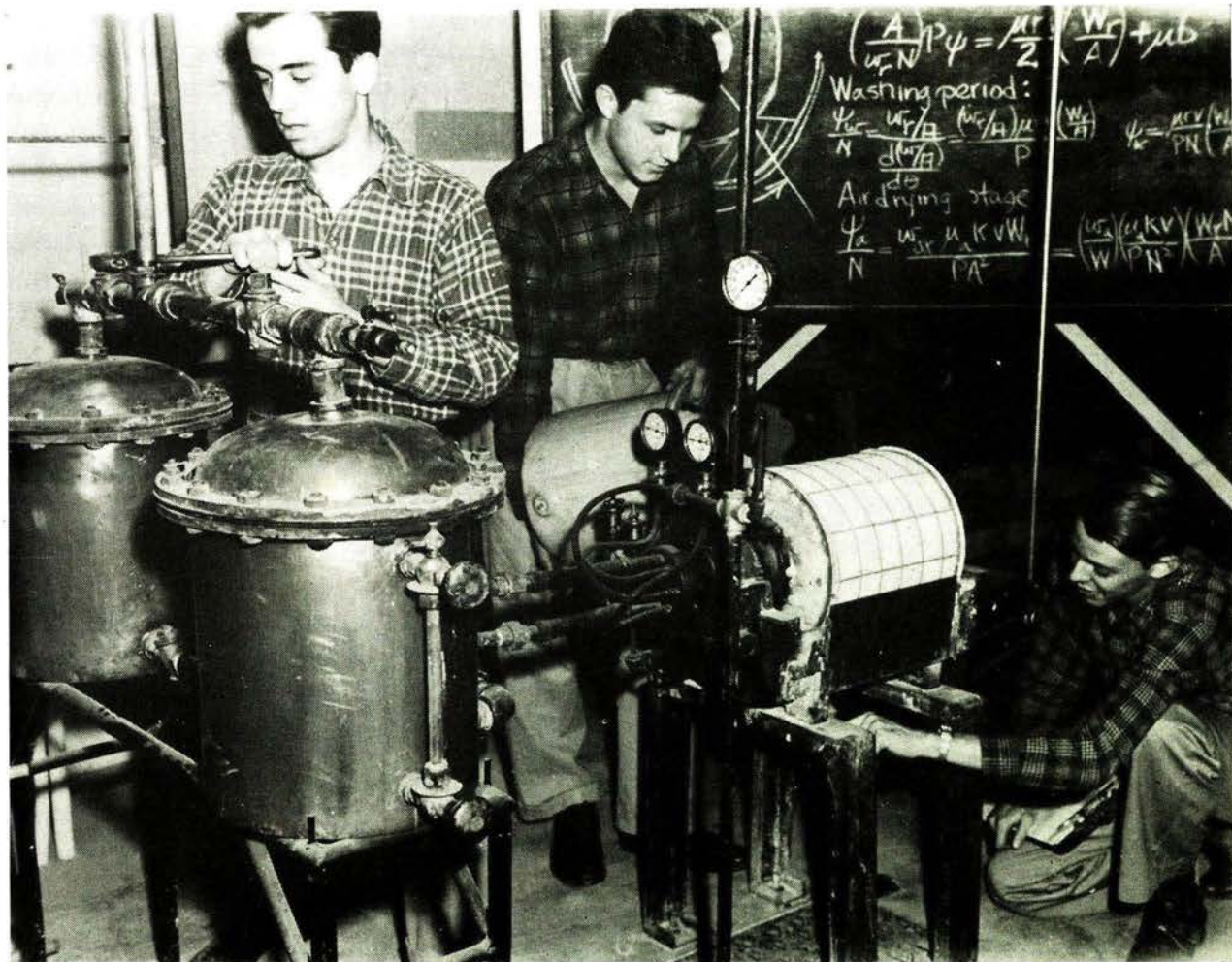
THE LAST FEW DECADES have witnessed a very rapid development in mechanical processes and transportation, notably the airplane.

Mechanical Engineering comprises the science and technology of power generation of mechanical transmission of power, and of the production of machine tools and their products. In addition to the research, design, development, and investigation required in creating these services and products, mechanical engineering includes the organization of men, money, and materials and their coordination for effective and economic production.

Mechanical Engineering at M. S. M. is taught with the object of giving the student a comprehensive training in the fundamentals of mechanical engineering which will be of use to him in practically any industry which he might choose to enter.

After the present war a large reserve of professional men will be needed to supervise a vast reconstruction program. The complex problems encountered will involve the establishment of new inter-connections-laws of communication and understanding between fields of human activity that in the past have been held separate. The solution of these problems and the restoration of the war-torn world will in no small measure be effected by the mechanical engineer.





# CHEMICAL ENGINEERING

THE ROLE OF THE CHEMICAL ENGINEER in the industrial world is to translate chemical (laboratory) processes into profitable manufacturing operations. These usually involve the co-ordination of chemical reactions as well as unit physical operations.

The training of chemical engineers supplies the foundation and tools needed to start a professional career. Organic, inorganic, analytical and physical chemistry; mathematics, physics, mechanics and economics form the basic training for the professional chemical engineer. Industrial stoichiometry, chemical engineering unit operations, design and thermodynamics emphasize the professional aspects.

The chemical engineer will be found in every large industrial organization participating in the rapid march of progress. His duties may confine his efforts to the executive department, research development, plant and equipment design, plant construction and operation, process control or technical sales.

The Chemical Engineering Department of the Missouri School of Mines and Metallurgy has moved into the new building which was completed in the summer of 1941. The work of the department is now carried on in the portion of the new building and the old chemistry building. The new building is essentially devoted to laboratories for chemical engineering, organic, analytical and general chemistry. It is excellently equipped with modern apparatus needed in the instruction and research program.





## CIVIL ENGINEERING

THE PROFESSION OF CIVIL ENGINEERING is indeed a broad one and is often credited as the parent stem, which in the early development of engineering included all branches of the constructive art with the exception of Military Engineering.

In its restricted sense, Civil Engineering may be said to include: the establishment and relocation of private, state and national boundaries; the providing of accurate maps of coasts and various parts of the country; the location, construction, and maintenance of pipe lines, canals, highways, and railways; the design, construction and maintenance of river and harbor improvements, flood-protection works, important structures; and reclamation of unproductive areas; municipal engineering and testing of engineering construction materials.

Civil Engineering students at the School of Mines receive a thorough, well-rounded training. However, a judicious selection of elective courses will provide opportunity for specialization in Highway, Hydraulic, Structural or Sanitary Engineering. M. S. M. graduates have made an admirable record in all phases of Civil Engineering, and their efforts have contributed materially toward the advancement of their profession.



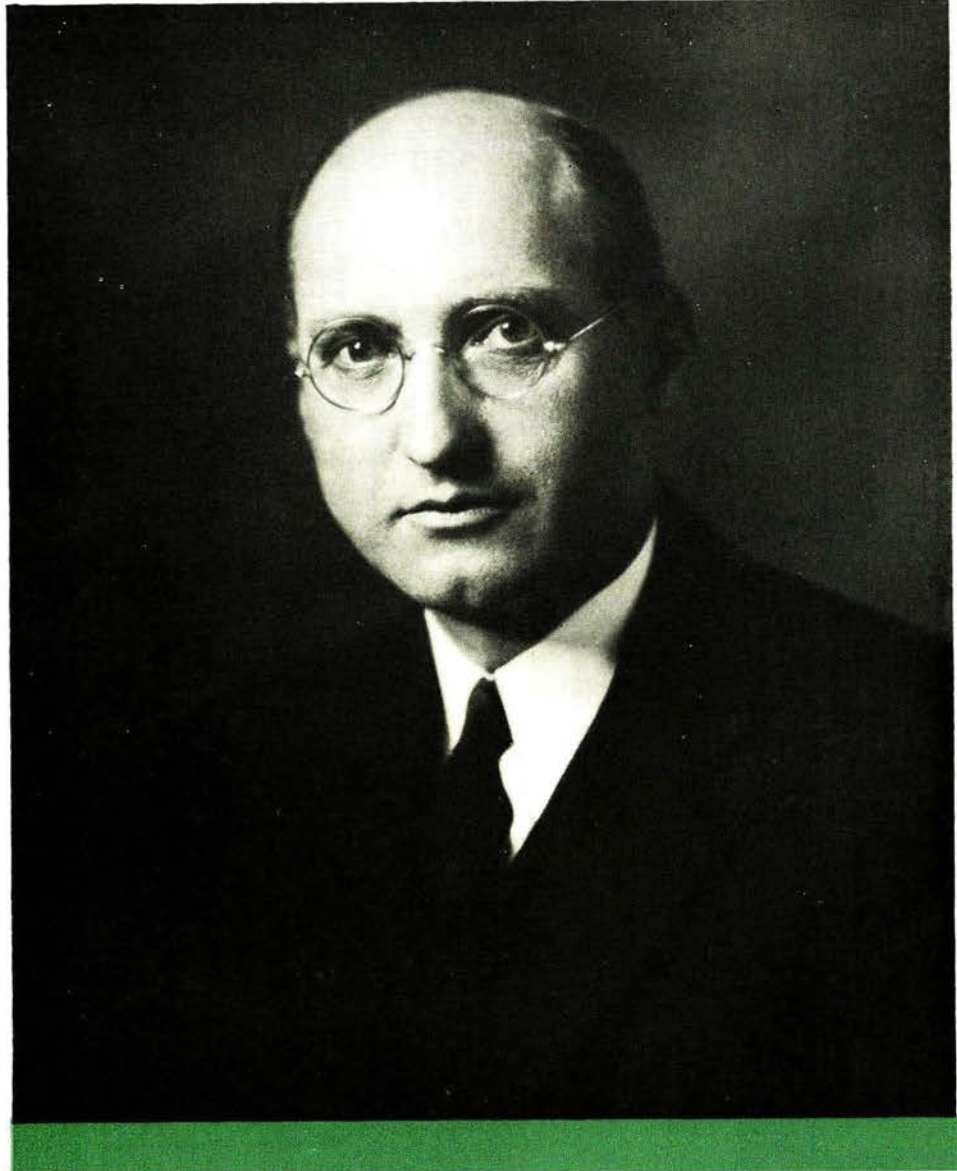




# Administration and Faculty

The Missouri School of Mines is more than fortunate to have an administration and faculty that goes beyond the call of duty for the successful promotion of their college.





*President Middlebush*



**Curtis L. Wilson**  
Dean of the Faculty

*In the three years of his service to the School of Mines, Dean Wilson has worked unceasingly for its improvement, both materially and academically. His magnetic personality and tireless energy have won the admiration of all who have had the privilege of knowing him.*

## ADMINISTRATION

**Noel Hubbard**  
Registrar

*In his capacity as Registrar of the Missouri School of Mines, Mr. Hubbard has gained the respect and appreciation of the entire student body for his efforts in their behalf. Never too busy to see a student, he is always ready to offer his sound advice and unfailing service.*



# FACULTY



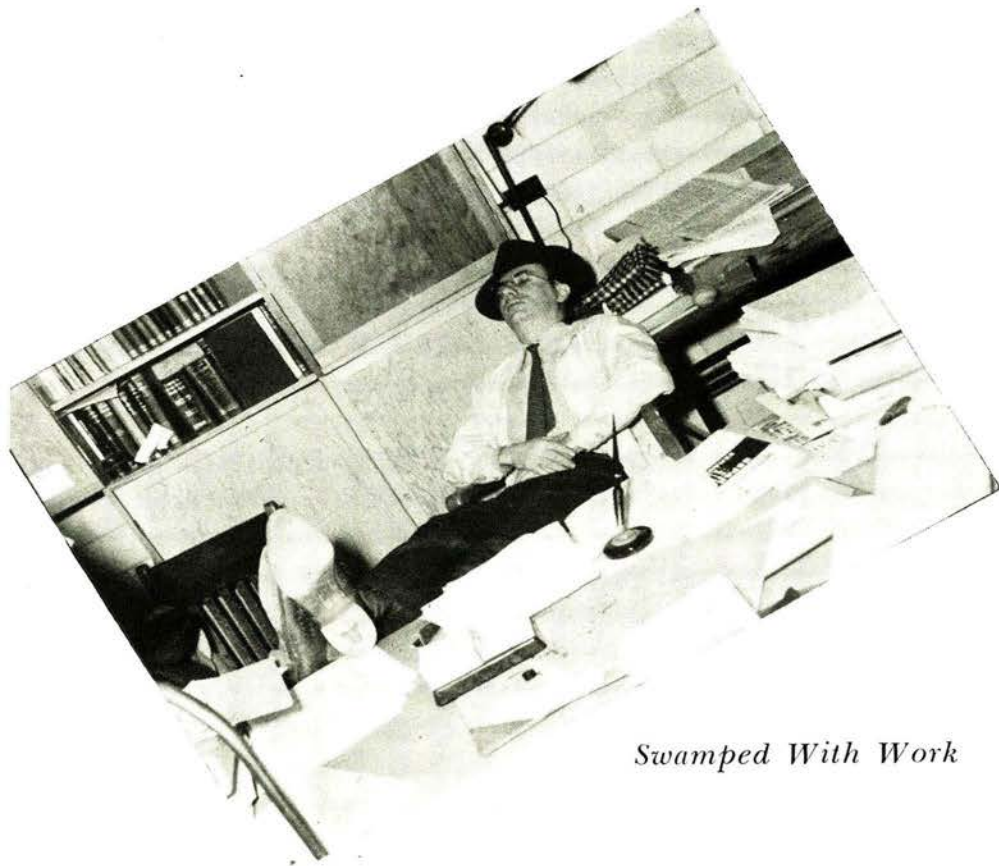
ALSMEYER  
BOYD  
BUTLER  
CARLTON  
COSTAKOS  
DENNIE

BIRCH  
BREMER  
CAGG  
CARPENTER  
DAY  
DUNN

BLACK  
BROWN  
CAMPBELL  
CLAYTON  
DELANO  
ELLISON

- Alsmeyer, W. C., B.S., Instructor in Civil Engineering
- Barley, J. W., A.B., A.M., Ph.D., Professor Emeritus
- Beekman, W. N., Captain, B.S., AST Classification and Testing Officer
- Birch, S. B., Captain, B.S., Assistant Professor of Military Science and Tactics
- Black, C. H., B.S., Associate Professor of Engineering Drawing and Descriptive Geometry
- Boltz, D. F., B.A., M.S., Instructor in Chemical Engineering
- Boyd, C. E., A.B., A.M., Instructor in English
- Bremer, Roy, A.B., M.S.P.H., Assistant Professor of Civil Engineering
- Brown, C. A., B.S., M.A., Ph.D., Instructor in English
- Bullman, Gale, A.B., LL.B., Instructor in Physical Education (Leave of Absence)
- Butler, J. B., B.S. in C.E., B.S. in Educ., M.S. in C.E., Professor of Civil Engineering
- Cagg, M. H., B.S., A.B., M.A., Assistant Professor of English
- Campbell, G. L., B.S., B.S., Librarian
- Carlton, E. W., B.S., M.S. in Indus. Ed., B.S. in C.E., Professor of Structural Engineering
- Carpenter, F. M., B.A., M.A., Instructor in Mathematics
- Clayton, C. Y., B.S. in Met. Engr., Professor of Metallurgical Engineering
- Conrad, F. H., B.S., Ph.D., Associate Professor of Chemical Engineering (Leave of Absence)
- Costakos, N. C., B.S., Instructor in Mechanics
- Cullison, J. S., A.B., M.S., Ph.D., Assistant Professor of Geology
- Day, T. G., B.S., M.A., Ph.D., Associate Professor of Organic Chemistry
- Delano, Philip, B.S., M.S., Ch.E., Assistant Professor of Chemical Engineering
- Dennie, F. E., B.S., C.E., Associate Professor of Mathematics
- Dougan, C. W., B.S., M.S., Instructor in Ceramic Engineering (Leave of Absence)
- Dunn, J. W., B.S., Instructor in Petroleum Engineering

# FACULTY



*Swamped With Work*

Ellison, S., A.B., M.A., Ph.D., Assistant Professor of Geology

Embree, J. N., Certificate in E.E., Instructor in Physics

Erkiletian, D. H., A.B., M.A., Instructor in Mathematics

Eshbaugh, C. W., B.S., Instructor in Civil Engineering

Estes, H. B., B.S., Instructor in Physical Education

Feind, E. E., B.S., M.D., Student Health Director

Finn, F. M., 2nd Lieutenant, LL.B., Instructor in A.S.T.P.

Forbes, C. R., B.S., E.M., Professor of Mining Engineering (Leave of Absence)

Frame, F. H., A.B., E.E., Professor of Electrical Engineering

Gandy, W. W., B.S., M.S., Instructor in Mathematics



EMBREE  
GANDY

ERKILETIAN  
GOODHUE

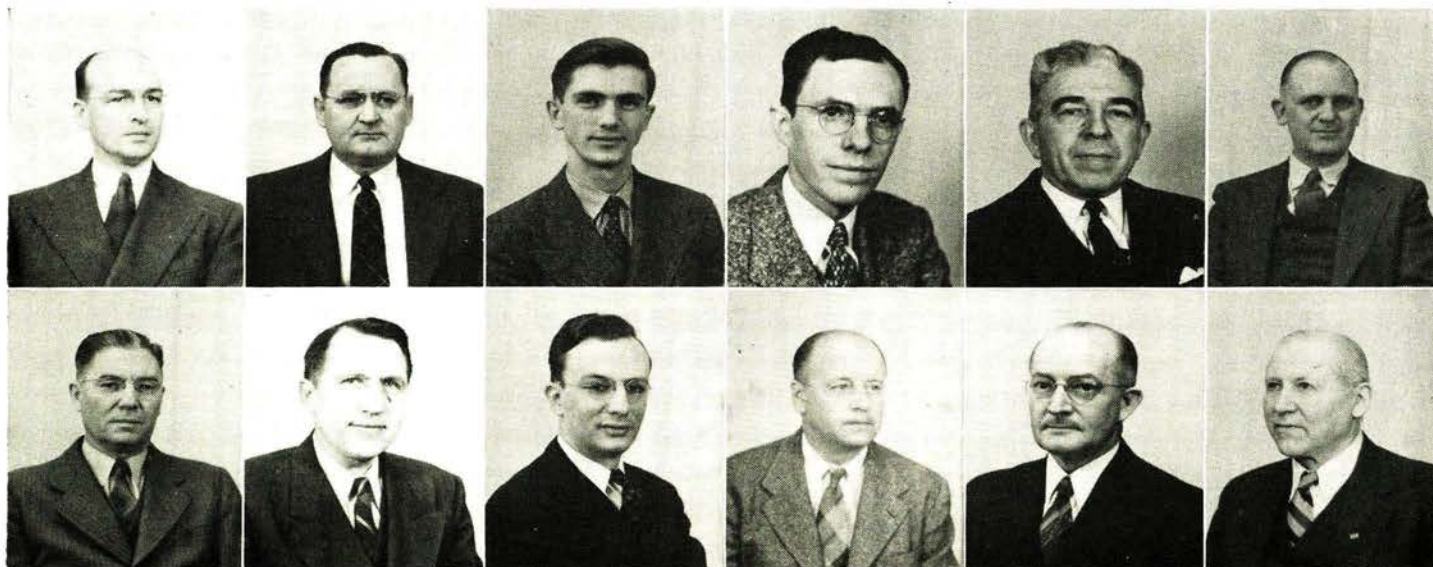
ESTES  
GRAWE

FEIND  
GUEST

FINN  
HAFELI

FRAME  
HANLEY

# FACULTY



HEROLD  
LEAVER

JENSEN  
LEGS DIN

JOHNK  
LIVINGOOD

JOHNSON  
LLOYD

KATZ  
LOVETT

KERSHNER  
MANN

Gevecker, V. A. C., B.S., M.S., Assistant Professor of Civil Engineering (Leave of Absence)  
 Gill, Percy, Instructor in Physical Education (Leave of Absence)  
 Gladden, J. M., B.S., Instructor in Physical Education  
 Goodhue, E.A., A.B., B.S., M.S., Assistant Professor of Mathematics  
 Grawe, O. R., A.B., M.S., Ph.D., Associate Professor of Mineralogy  
 Guest, C. B., B.S., M.S., Ph.D., Assistant Professor of English  
 Guinnup, G. R., B.S., M.S., Instructor in Mechanical Engineering (Leave of Absence)  
 Hafeli, D. L., B.S., Instructor in Physical Education  
 Hanley, H. R., B.S., Met.E., Professor of Metallurgical Engineering  
 Harris, E. G., C.E., Professor Emeritus  
 Henning, O. A., A.B., A.M., Professor of Modern Languages  
 Herold, P. G., B.S., M.S., Ph.D., Associate Professor of Ceramic Engineering  
 Hubbard, Noel, Registrar  
 Jensen, W. J., A.B., A.M., Associate Professor of Physics  
 Johnk, C.T.A., B.S., B.S. in E.E., Instructor in Electrical Engineering

Johnson, J. S., B.S., M.S., Ph.D., Assistant Professor of Electrical Engineering  
 Katz, H. M., B.S., Acting Business Manager  
 Kershner, K. K., B.S., M.S., Professor of Chemistry  
 Kilpatrick, A. V., B.S., M.E., Associate Professor of Mechanical Engineering  
 Leaver, L. E., B.S., A.M., Assistant Professor of Physics  
 Legsdin, A., E.M., M.S., Associate Professor of Mineral Dressing  
 Livingood, M. D., B.S., M.S., Instructor in Chemical Engineering  
 Lloyd, S. H., A.B., M.S., Associate Professor of Economics and History  
 Lovett, I. H., B.S., E.E., M.S.E., Professor of Electrical Engineering  
 McCutchan, G. C., 1st Lieutenant, B.A., Instructor in A.S.T.P.  
 Mann, C. V., B.S., C.E., Ph.D., Professor of Engineering Drawing and Desc. Geometry  
 Mask, W. S., Lt. Colonel, B.S., M.S., Professor of Military Science and Tactics  
 Miles, A. J., B.S., M.S., Sc.D., Professor of Mechanical Engineering

# FACULTY

Monroe, C. J., S.B., Ph.D., Associate Professor of Physical Chemistry

Muilenburg, G. A., B.S., M.S., E.M., Ph.D., Professor of Geology

Ranes, G. O., B.S., Associate Professor of Electrical Engineering

Rankin, R. M., B.S., M.A., B.S. in C.E., Associate Professor of Mathematics

Read, Myron, B.S., E.M., Instructor in Mining Engineering

Roberts, C. N., B.S., M.S., Instructor in History

Schooler, D. R., B.S., Assistant Professor of Engineering Drawing

Schrenk, W. T., B.S., M.S., Ph.D., Professor of Chemical Engineering

Sease, Nadine M., B.S., M.S., Instructor in English

Shank, J. H., Captain, E.Met., Assistant Professor in Military Science and Tactics

Smith, R. N., A.B., M.A., Ph.D., Instructor in Chemical Engineering

Thomas, C. D., B.S., A.M., Ph.D., Assistant Professor of Physics (Leave of Absence)

Thorpe, C. J., B.S., Instructor in Mechanical Engineering

Topping, A. D., B.S., B.S. in C.E., Instructor in Mechanics

Trengove, S. A., E.M., Ph.D., Professor of Mining Engineering

Walsh, D. F., B.S., M.Sc., Assistant Professor of Metallurgy

Webb, W. H., B.S., M.S., Instructor in Chemical Engineering (Leave of Absence)

Weber, R. H., A.B., M.A., Instructor in English (Leave of Absence)

Williams, R. Z., B.S. in Met., B.S. in C.E., M.S. in Mech. Engr., Assoc. Prof. of Mechanics

Willson, J. M., B.S., M.S., Assistant Professor of Physics

Wilson, Curtis L., E.M., Ph.D., Dean of the Faculty

Woodman, L. E., A.B., A.M., Ph.D., Professor of Physics

Wyatt, D. D., B.S., Instructor in Mechanical Engineering

Young, R. H., B.S., Associate Professor of Mechanical Engineering



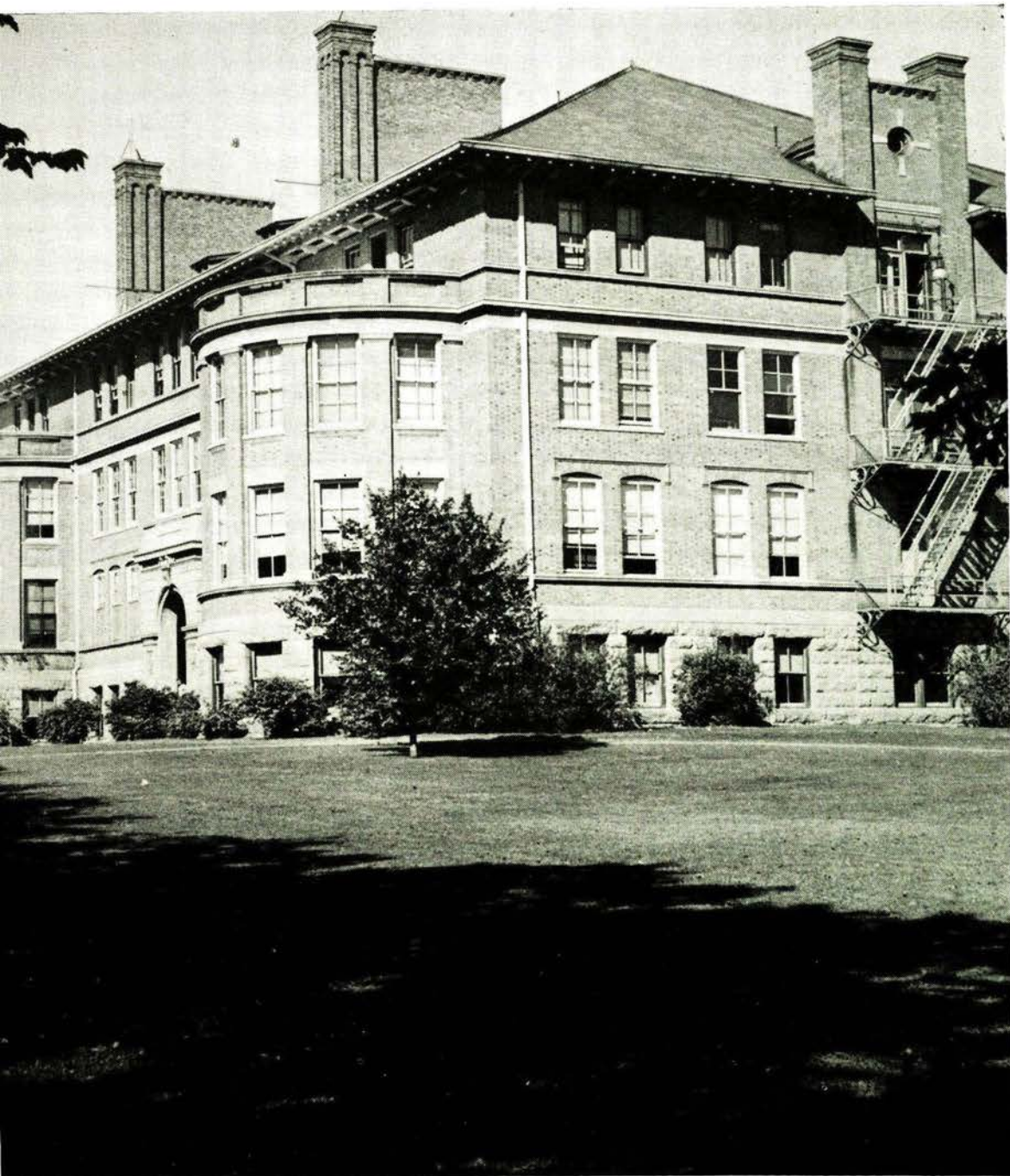
MASK  
RANKIN  
SCHOOLER  
SHANK  
TOPPING  
WILLSON

MILES  
READ  
SCHRENK  
SMITH  
TRENGOVE  
WOODMAN

MONROE  
ROBERTS  
SEASE  
THORPE  
WILLIAMS  
WYATT

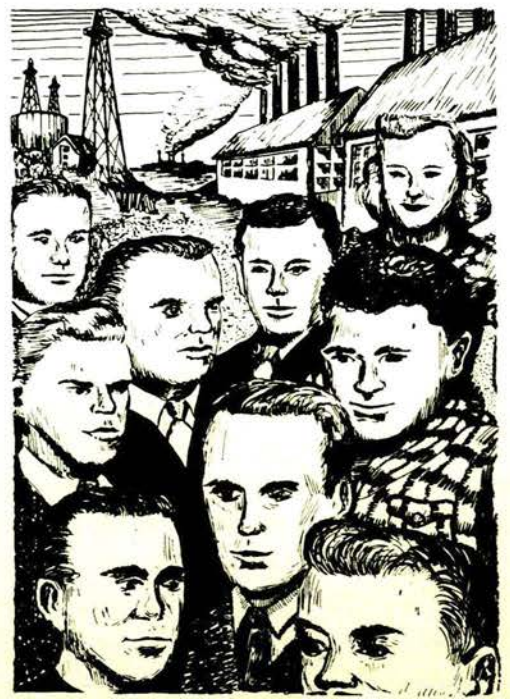




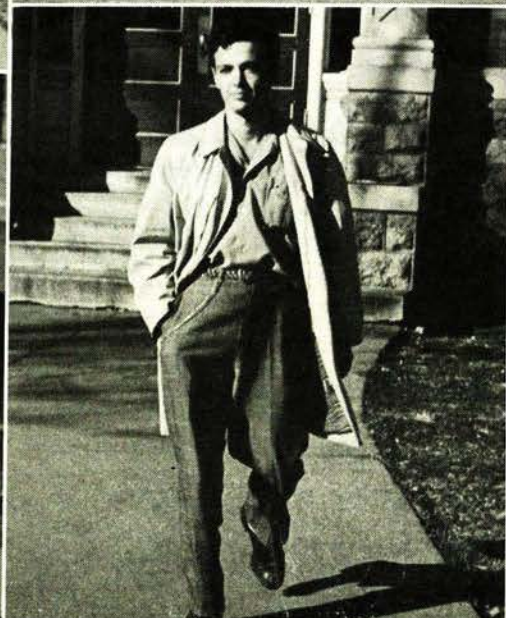


# The Classes

The spirit of Comradeship  
and good fellowship existing on  
the M.S.M. campus is the firm  
foundation of life-long friendships.



# CAMPUS PERSONALITIES



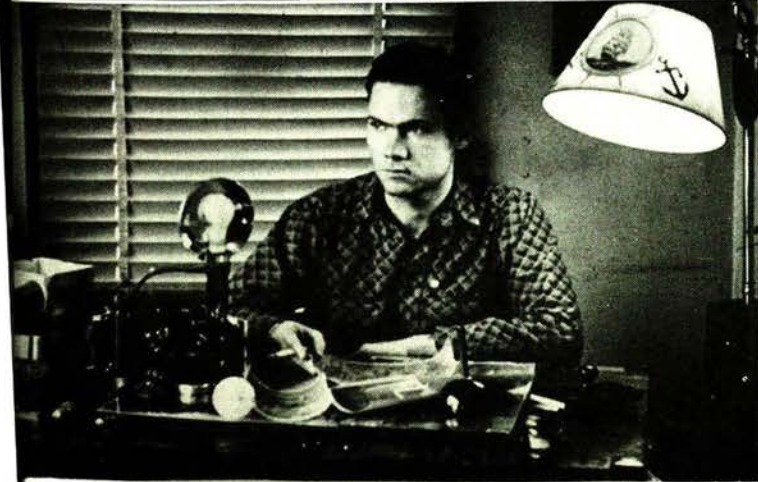
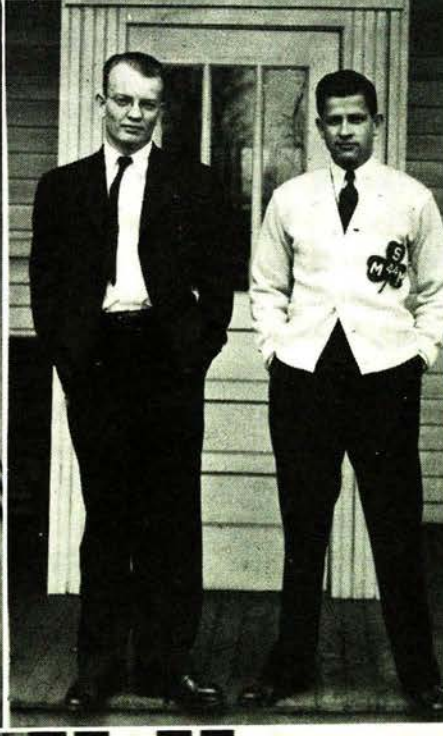
TAW BAIT PREXY  
STOGIE SIMONS  
SHAMROCK BOSS

METS AT WORK  
OUR ONLY  
STUDENT COUNCIL HEAD

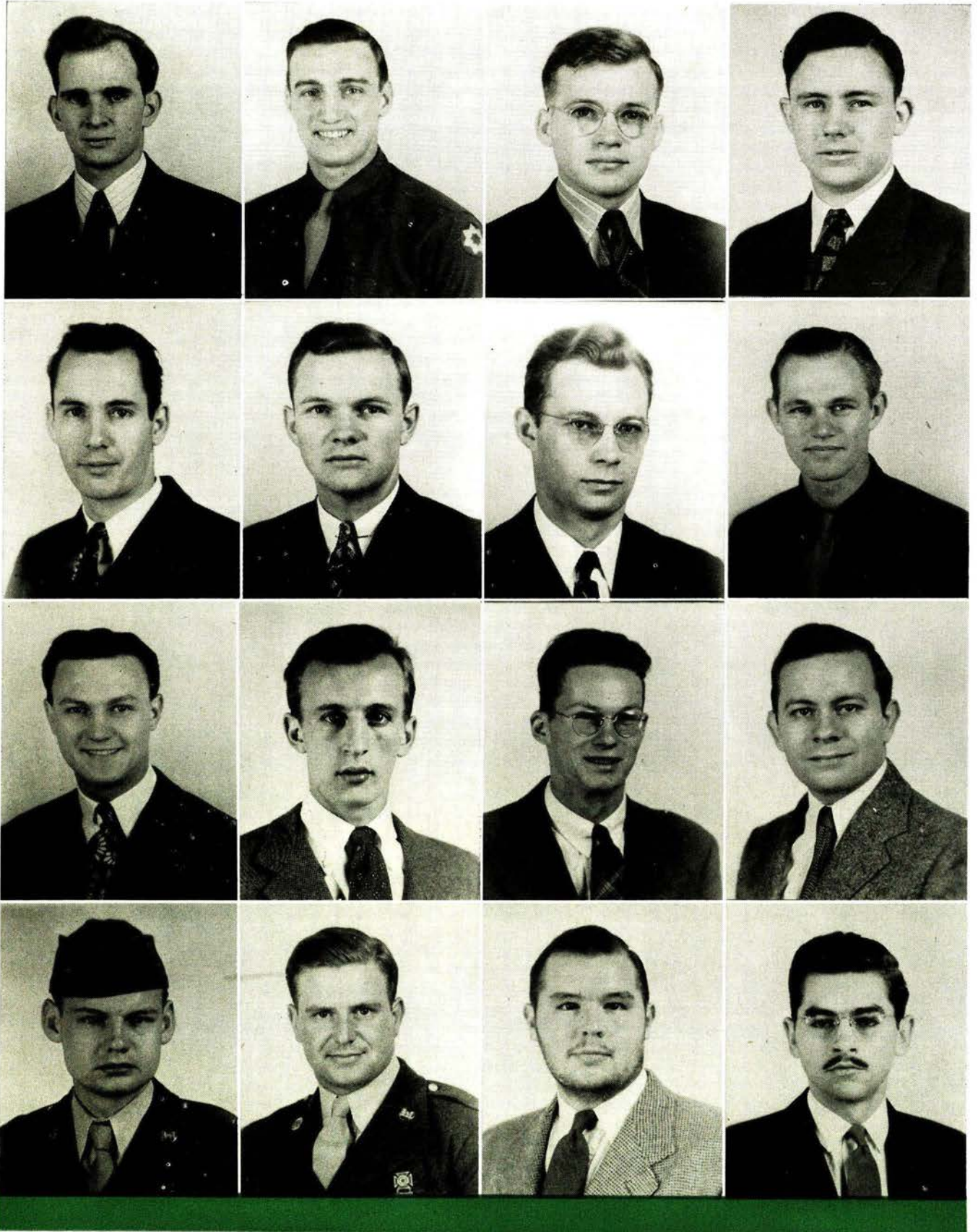
"M" CLUB CHIEF  
"LOVER"  
B. M. O. G.

CHEMS FINISH A DAY  
CHEM DRESSED UP  
MOST POPULAR MAN  
ONE OF OUR PHOTOGS

THE KEROSENE KING  
TWO SWELLS  
CHEM BRAIN



SENIORS OF 1944



ALLEN  
 BARBER  
 BRAND  
 BUTZER

ALLISON  
 BARNHART  
 BRIDGE  
 BURKE

BALIN  
 BENDORF  
 BROCKMEYER  
 CARMICHAEL

BANKS  
 BLAIR  
 BRODHACKER  
 COPENING

# SENIORS 1944

ALLEN, EUGENE K. St. Louis, Mo.  
ELECTRICAL ENGINEERING  
Engineers' Club. A.I.E.E. Glee Club.

ALLISON, GEORGE ALVAN Chester, Ill.  
METALLURGICAL ENGINEERING  
R.O.T.C. Band '40-'42. Basketball '41. "M"  
Club, Treas. '42. Engineers' Club. Theta Tau.  
R.O.T.C. Advanced Course. A.I.M.E. S.A.  
M.E. Student Ass't Library '42.

BALIN, ROBERT PHILIP St. Louis, Mo.  
MECHANICAL ENGINEERING  
Shamrock Club. R.O.T.C. Band '41-'43. Miner  
Board Editorial Staff. Photo Club, Pres. '42.  
Dick Mateer's Orchestra. Glee Club. En-  
gineers' Club. A.S.M.E. N.Y.A. Drawing  
Department. Gym Club.

BANKS, ROBERT LOUIS Piedmont, Mo.  
CHEMICAL ENGINEERING  
Engineers' Club. Student Ass't Chemical  
Dept. A.I.Ch.E. Alpha Chi Sigma.

BARBER, GEORGE E. St. Louis, Mo.  
ELECTRICAL ENGINEERING  
N.Y.A. Civil Dept. Student Ass't Electrical  
Dept. Engineers' Club. A.I.E.E., Pres. '43.

BARNHART, HERBERT DALTON  
Oklahoma City, Okla.  
ELECTRICAL ENGINEERING  
Tech Club Board of Control '43. Student Ass't  
E.S.M.W.T. A.I.E.E. Vice-Pres. '43. En-  
gineers' Club.

BENDORF, STANLEY GLENN Lancaster, Wisc.  
MINING ENGINEERING  
Transferred from Wisconsin Institute of  
Technology.

BLAIR, EDWARD BERNARD St. Louis, Mo.  
METALLURGICAL ENGINEERING  
Kappa Sigma. Basketball '41-'43. "M" Club.  
S.A.M.E. R.O.T.C. Advanced Course.

BRAND, DONALD CLAYTON St. Louis, Mo.  
MECHANICAL ENGINEERING  
Kappa Sigma, Sgt. at Arms '42. Intramural  
Sports. A.S.M.E.

BRIDGE, LORRAINE FARQUHAR St. Louis, Mo.  
MECHANICAL ENGINEERING  
Sigma Nu, Lt. Comm. '43. Miner Board Ed-  
itorial Staff and Business Staff. C.P.T. Pri-  
mary. A.S.M.E. Glee Club.

BROCKMEYER, CHARLES EDWARD  
Webster Groves, Mo.  
MECHANICAL ENGINEERING  
Engineers' Club. Glee Club. A.S.M.E. Intra-  
mural Sports.

BRODHACKER, JOHN WARREN Springfield, Mo.  
CHEMICAL ENGINEERING  
Shamrock Club. Academy of Science, Pres.  
'40. Alpha Chi Sigma, Treas. '43. A.I.Ch.E.  
Student Ass't Chem. Dept. Tau Beta Pi. En-  
gineers' Club. Independents, Vice-Pres. '43.  
Phi Kappa Phi. Blue Key.

BUTZER, HAROLD GODFREY Jefferson City, Mo.  
CIVIL ENGINEERING  
Intramural Sports. Theta Kappa Phi. Theta  
Tau. Miner Board Editorial Staff and Man-  
aging Editor '43. A.S.C.E., Sec'y '42. R.O.  
T.C. Advanced Course. S.A.M.E. Student  
Ass't E.S.M.W.T. Rollamo Board, Editorial  
Staff. Rifle Club.

BURKE, GEORGE EDWARD New Vernon, N. J.  
CIVIL ENGINEERING  
Tech Club. Miner Board Editorial Staff, A.S.  
C.E., Treas. '42. Kappa Sigma. R.O.T.C. Ad-  
vanced Course. Alpha Phi Omega. S.A.M.E.

CARMICHAEL, RONALD LAD Independence, Mo.  
MINING ENGINEERING  
Shamrock Club. Tech Club. Student Ass't  
Mining Dept. A.I.M.E.

COPENING, JAMES W. Springfield, Mo.  
ELECTRICAL ENGINEERING  
Sigma Nu, Recorder '42, Commander '43.  
Senior Class Sec'y '43. A.I.E.E.



# SENIORS 1944

DAMPF, PHILIP MATTHIAS Jefferson City, Mo.  
METALLURGICAL ENGINEERING

Theta Kappa Phi, Sec'y '43. Miner Staff, Managing Editor '43. Student Council Alternate.

DAVIDSON, C. A.

Sigma Pi. A.I.E.E.

DENISON, ROBERT REED Cushman, Ark.  
CHEMICAL ENGINEERING

A.I.Ch.E. Alpha Chi Sigma. A.S.M. Student Ass't Chemical Dept.

DES JARDENS, PETER EDWARD Kirkwood, Mo.  
GEOLOGICAL ENGINEERING

Theta Kappa Phi, Sec'y '43. Student Council, Sec'y-Treas. '43. A.I.M.E., Vice Pres. '43. Music Club.

DICK, CHARLES ALFRED Paris, Tenn.  
METALLURGICAL ENGINEERING

Class of '44, Vice Pres. '43, Pres. '43. Football Squad, Capt. '43. Student Ass't Physical Education. Kappa Sigma, Sec'y '42, Pres. '43. Alpha Phi Omega. "M" Club Member. Theta Tau, Marshall '42, Vice Regent '42. A.S.M., Vice Pres. '42. Tau Beta Pi. Blue Key, Corr. Sec'y '43. Interfraternity Council.

DIETZ, ROBERT OTTO St. Louis, Mo.  
MECHANICAL ENGINEERING

Kappa Sigma, Treas. '43. A.S.M.E., Pres. '43. Intramural Sports. Phi Kappa Phi Bookplate Award '41-'43.

DOMIAN, JOHN WILLIAM St. Louis, Mo.  
MECHANICAL ENGINEERING

Kappa Sigma, Guard '42, Treas. '43, Pres. '44. Intramural Sports. A.S.M.E. Treas. '42.

DOWD, JAMES D. Leadwood, Mo.  
METALLURGICAL ENGINEERING

Engineers' Club. A.I.M.E., Treas. '42, Pres. '43. Blue Key, Vice Pres., '43. Tau Beta Pi, Corr. Sec'y '43. Theta Tau, Scribe '43. Student Ass't Metallurgy Dept. Phi Kappa Phi. A. P. Green Scholarship '43.

DRAGOSET, WILLIAM HENRY Avenel, N. J.  
CHEMICAL ENGINEERING

Alpha Lambda Tau, Social Scribe '42. Alpha Chi Sigma. A.I.Ch.E. Engineers' Club.

DREWING, FREDERICK HENRY St. Louis, Mo.  
ELECTRICAL ENGINEERING

Engineers' Club. A.I.E.E.

DUEKER, JAMES EDSON St. Louis, Mo.  
SCIENCE (PHYSICS MAJOR)

Tech Club. Transferred from Harris Teachers College.

EMERSON, BILLY FRANK Christopher, Ill.  
CIVIL ENGINEERING

Engineers' Club. A.S.C.E. Student Ass't Civil Dept.

FROMMER, DONALD WALTER Chesterfield, Mo.  
METALLURGICAL ENGINEERING

Shamrock Club. Lambda Chi Alpha. R.O.T.C. Advanced Course. S.A.M.E. Transfer Missouri U.

FUCHS, ALAN JOSEPH St. Louis, Mo.  
METALLURGICAL ENGINEERING

Kappa Sigma, House Mgr., '42, Guard '42, Vice Pres., '43. Student Council. Senior Class Vice Pres., '43. A.S.M. Intramural Sports. Dick Mateer's Orchestra.

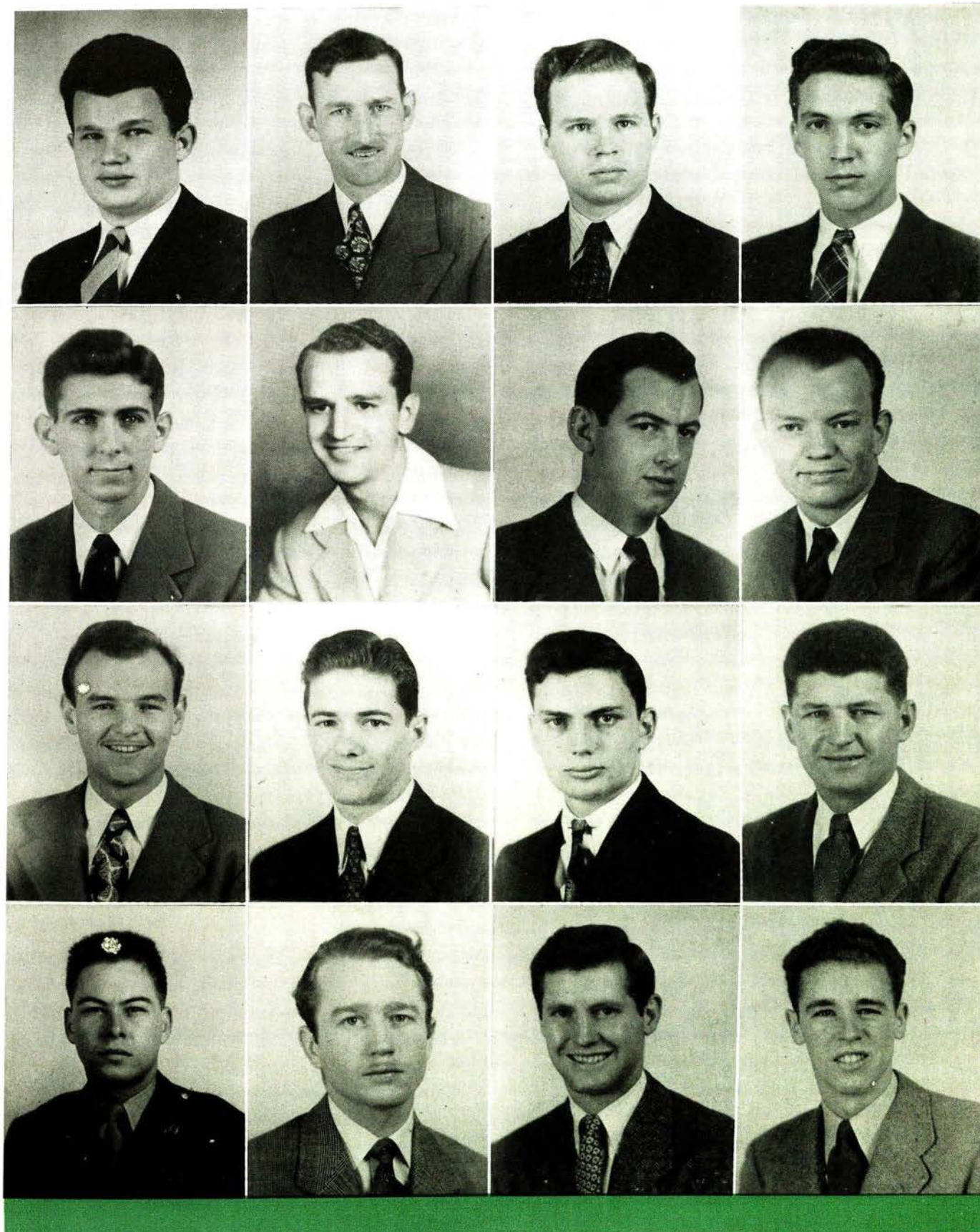
GETTYS, TOM BOYLAN St. Louis, Mo.  
MECHANICAL ENGINEERING

Kappa Sigma, Treas. '42, Outer Guard, '42. Alpha Phi Omega. St. Pat's Board. A.S.M.E.

GOETEMANN, EDWIN CHARLES Webster Groves, Mo.  
METALLURGICAL ENGINEERING

Theta Kappa Phi, Pledge Manager, '41. Miner Board, Editor in Chief, '42, Managing Editor, '41. Rollamo Board, Sports Editor, '42. Blue Key Corres. Sec'y, '42. Tau Beta Pi. A.S.M. President '42. Rollamo-Miner Board of Control. A.I.M.E. Student Ass't Metallurgical Dept. Phi Kappa Phi. Intramural Sports. National A.I.M.E. Scholarship Award.





DAMPF  
 DICK  
 DRAGOSET  
 FROMMER

DAVIDSON  
 DIETZ  
 DREWING  
 FUCHS

DENISON  
 DOMIAN  
 DUEKER  
 GETTYS

DES JARDINS  
 DOWD  
 EMERSON  
 GOETEMANN



GOODWIN, W.  
 GRECO  
 HARLOW  
 HENNE

GOODWIN, R.  
 GRIFFITHS  
 HARTCORN  
 HICKS

GOSTIN  
 GOGAN  
 HEIDENRICH  
 HOERETH

GRASS  
 HANSON  
 HELLWEGE  
 HOELSCHER



# SENIORS 1944

GOODWIN, WILLIAM JERRARD      Ferguson, Mo.  
METALLURGICAL ENGINEERING

Alpha Phi Omega Sec'y, '42, Vice Pres., '42.  
Tech Club. Theta Tau. R.O.T.C. Advanced  
Course. A.S.M. Sec'y, '42. Student Ass't Military  
Dept. S.A.M.E.

GOODWIN, REO ELDON                  Palestine, Ill.  
GEOLOGICAL ENGINEERING

N.Y.A. Ass't Geological Dept. Tech Club. Theta  
Tau Sec'y, '42, Treas., '44. Engineers' Club.  
R.O.T.C. Advanced Course. S.A.M.E. Blue Key.  
A.I.M.E. Pres., '42. James Scholarship Award.

GOSTIN, JAMES DAVID      White Plains, N. Y.  
MECHANICAL ENGINEERING

Engineers' Club. N.Y.A. Ass't Library. A.S.  
M.E.

GRASS, LOUIS WILLIAM              St. Louis, Mo.  
CHEMICAL ENGINEERING

Engineers' Club. N.Y.A. Ass't Biology Dept.  
and Chemical Dept. Alpha Chi Sigma. Intra-  
mural Sports.

GRECO, DOMINIC AMERICO      St. Louis, Mo.  
MECHANICAL ENGINEERING

Theta Kappa Phi Pledge Manager, '42, Vice  
Pres., '43. Rollamo Board. A.S.M.E. Miner  
Board Circulation Dept. Intramural Sports.  
Alpha Psi Omega.

GRIFFITHS, JOHN WILLIAM              Webster Groves, Mo.  
CHEMICAL ENGINEERING

Sigma Nu. Miner Board. St. Pat's Board. R.O.  
T.C. Advanced Course. S.A.M.E. Pres., '43.

GOGAN, RAYFIELD EMIL              Brooklyn, N. Y.  
ELECTRICAL ENGINEERING

Student Ass't E.S.M.W.T. A.I.E.E. Sec'y, '43.  
Tech Club. Engineers' Club.

HANSEN, J. RICHARD                  Union, Mo.  
ELECTRICAL ENGINEERING

N.Y.A. Ass't Registrar's Office. Tech Club.  
Student Ass't E.S.M.W.T. A.I.E.E. Engineers'  
Club.

HARLOW, ROBERT WILSON              Oklahoma City, Okla.  
ELECTRICAL ENGINEERING

Pi Kappa Alpha House Manager, '42. Senior  
Class President, '43. A.I.E.E. Transferred from  
Oklahoma City U. and Univ. of Okla.

HARTCORN, LOUIS AMBROSE      Chatham, N. Y.  
METALLURGICAL ENGINEERING

Pi Kappa Alpha Treas., '42, Vice Pres., '43.  
Miner Board. St. Pat's Board Decorating Chair-  
man, '43. Theta Tau. Student Council Rep.  
A.S.M. Intramural Sports.

HEIDENRICH, ROGER HENRY              University City, Mo.  
METALLURGICAL ENGINEERING

Shamrock Club. Tech Club. A.S.M. Transferred  
from Harris Teacher's College.

HELLWEGE, WILLIAM HENRY      Maplewood, Mo.  
CHEMICAL ENGINEERING

Phi Kappa Alpha. Rollamo Board. R.O.T.C.  
Advanced Course. S.A.M.E.

HENNE, WILLIAM PAUL                  St. Louis, Mo.  
ELECTRICAL ENGINEERING

Theta Kappa Phi Vice Pres., '42. Miner Board.  
Intramural Sports. Alpha Phi Omega. A.I.E.E.

HICKS, WILLIAM DOUGLAS              Cuba, Mo.  
MECHANICAL ENGINEERING

Tech Club. Theta Tau, Outer Guard, '43. Tau  
Beta Pi. Student Ass't Mechanical Dept. Trans-  
ferred from Central Wesleyan College.

HOERETH, WAYNE HAMPTON      Hermann, Mo.  
CHEMICAL ENGINEERING

N.Y.A. Student Ass't in Registrar's Office. En-  
gineers' Club. Alpha Psi Omega Vice Pres.,  
'42. Alpha Chi Sigma Recorder, '43. R.O.T.C.  
Advanced Course. A.I.Ch.E. S.A.M.E.

HOELSCHER, JAMES WALTER      Washington, Mo.  
MINING ENGINEERING

Theta Kappa Phi. Miner Board Business Staff.  
A.I.M.E.



# SENIORS 1944

HUBBARD, WILLIAM ALONZO Rolla, Mo.  
CHEMICAL ENGINEERING

Kappa Sigma, Master of Ceremonies, '42. R.O. T.C. Band, '41-'43. M.S.M. Academy of Science, Sec'y '40. Intramural Sports. Alpha Chi Sigma, Treas. '42. A.I.Ch.E. Tau Beta Pi, Vice Pres. '43, Pres. '43. Blue Key. Dick Mateer's Orchestra. Phi Kappa Phi. Student Ass't Chemical Dept.

ITTERMAN, ALFRED SAMUEL Granite City, Ill.  
ELECTRICAL ENGINEERING

Intramural Sports. C.P.T. Primary, '42. Pi Kappa Alpha, Treas. '43, Pres. '43. "M" Club Member. Track Team. A.I.E.E.

JAMISON, ROBERT WESLEY Sterling, Ill.  
ELECTRICAL ENGINEERING

Lambda Chi Alpha, Treas. '42, Vice Pres., '43. Rollamo Board. Alpha Phi Omega, Sec'y, '43, Chaplain, '43. Student Council Alternate. Theta Tau, Corres. Sec'y '43. A.I.E.E. Blue Key.

JENKINS, JACOB DELBERT Kansas City, Mo.  
CHEMICAL ENGINEERING

Pi Kappa Alpha. Rollamo Board. A.I.Ch.E. Interfrat. Council Alternate. Alpha Chi Sigma. Student Ass't in Chemical Dept.

JENKINS, JOE EVAN Maquoketa, Ia.  
METALLURGICAL ENGINEERING

Transferred from Maquoketa Junior College. Kappa Sigma, Master of Ceremonies, '43. Theta Tau. Dick Mateer's Orchestra. Tau Beta Pi. A.I.M.E. Blue Key, Corres. Sec'y '44. A.S.M., President, '43. Intramural Sports.

KADERA, MILLARD FRANK St. Louis, Mo.  
MECHANICAL ENGINEERING

Shamrock Club. Engineers' Club.

KANE, EARL MONROE St. Louis, Mo.  
MECHANICAL ENGINEERING

Football Squad, '39-'43. N.Y.A. Ass't Athletics. Intramural Sports. Engineers' Club. "M" Club, Vice President, '43.

KELLER, JOE HENRY Springfield, Mo.  
MINING-PETROLEUM ENGINEERING

Sigma Nu, Treas., '42, Recorder, '41, President, '43. R.O.T.C. Band, '40-'42. R.O.T.C. Advanced Course, '42-'43. S.A.M.E. Rollamo Business Manager, '43. Intramural Sports.

KENDALL, JERRY Potosi, Mo.  
MINING-GEOLOGY ENGINEERING

Engineers' Club. N.Y.A. Ass't Geological Dept. R.O.T.C. Advanced Course. Detonators. A.I. M.E. S.A.M.E. Music Club.

KICK, ROBERT JOHN Webster Groves, Mo.  
METALLURGICAL ENGINEERING

Class of '45, Sec'y, '41, Pres., '42. Shamrock Club. Student Council, Vice President, '43, President, '44. Rollamo-Miner Board of Control. Lambda Chi Alpha, Social Chairman, '44. Blue Key, Sec'y-Treas., '43. Photography Club. A.S.M., Vice Pres., '44. Intramural Sports.

KLORER, ROBERT WALTER St. Louis, Mo.  
MECHANICAL ENGINEERING

Theta Kappa Phi, President, '43.

KOZENI, KATSUMI DON Poston, Ariz.  
METALLURGICAL ENGINEERING

Tech Club. Transferred from U. of California.

KRALL, JOHN LEROY Liberty, Mo.  
ELECTRICAL ENGINEERING

R.O.T.C. Band, '40-'42. Alpha Phi Omega. Tech Club, Board of Control, '41, President, '43. Junior Class Treas., '42. Student Council. R.O.T.C. Advanced Course. S.A.M.E. A.I.E.E.

LARSON, WARREN LEROY Kansas City, Mo.  
METALLURGICAL ENGINEERING

Tech Club. Glee Club, Librarian, '43, President, '43. A.S.M., Sec'y, '43. A.I.M.E. Miner Board Editorial Staff. Student Ass't Registrar's Office. Music Club. Tau Beta Pi. A.S.M.E. Phi Kappa Phi. A.I.M.M.E. Scholarship Winner, '43. Transferred from Kansas City Junior College.

LEPERE, DONALD GEORGE Belleville, Ill.  
ELECTRICAL ENGINEERING

Football Squad, '40-'43. Pi Kappa Alpha, President, '43. "M" Club President, '43. A.I.E.E.

HOWARD, WILLIAM EDWARD St. Louis, Mo.  
ELECTRICAL ENGINEERING

Triangle, Librarian, '43. R.O.T.C. Advanced Course. S.A.M.E. A.I.E.E.





HUBBARD  
 JENKINS, J. E.  
 KENDALL  
 KRALL

ITTERMAN  
 KADERA  
 KICK  
 LARSON

JAMISON  
 KANE  
 KLORER  
 LEPERE

JENKINS, J. D.  
 KELLER  
 KOZENI  
 HOWARD



LILEY  
 MASSARD  
 MILLER  
 MURPHY, R. E.

LLOYD  
 MATEER  
 MONTE  
 MUSHOVIC

LOHMANN  
 MAZZONE  
 MUELLER  
 NELSON

MAINTZ  
 MELLIS  
 MORGAN  
 NEVIN

# SENIORS 1944

LILEY, JAMES ARTHUR St. Louis, Mo.  
ELECTRICAL ENGINEERING

Engineers' Club. Student Ass't C.A.A. A.I.E.E.  
Radio Club.

LLOYD, JEAN McCAW Rolla, Mo.  
ELECTRICAL ENGINEERING

Pi Delta Chi Sorority, President, '41. Miner  
Board, Advertising Dept., Editorial Staff, '42.  
Rollamo Board, Business and Advertising Man-  
ager, '42-'43. E.S.M.W.T. A.I.E.E. Music Club.  
Honorary Member Tau Beta Pi.

LOHMANN, RUSSELL THOMAS St. Louis, Mo.  
CHEMICAL ENGINEERING

Theta Kappa Phi, Sec'y, '42, Historian, '42.  
Alpha Psi Omega. Rollamo Board. A.I.Ch.E.  
Miner Board Business Staff. N.Y.A. Ass't Chem-  
ical Dept. Intramural Sports.

MAINTZ, TY DOUGLAS Oak Ridge, Mo.  
ELECTRICAL ENGINEERING

Engineer's Club. A.I.E.E. Treas., '43. Student  
Ass't E.E. Dept., '43. Transfer, Southeast  
Missouri State Teachers College.

MASSARD, ERNEST St. Louis, Mo.  
MECHANICAL ENGINEERING

Theta Tau. Alpha Phi Omega, Vice Pres. A.S.  
M.E. Sec'y, '43-'44. Cheer Leader, '42. Tech  
Club. Shamrock Club.

MATEER, RICHARD SHELBY Rolla, Mo.  
METALLURGICAL ENGINEERING

Tau Beta Pi. Blue Key. Kappa Sigma. Student  
Ass't Met. Dept., '42-43. Dick Mateer's Orches-  
tra. A.I.M.E. Photography Club. Gym Club.  
A.S.M. R.O.T.C. Band, '40-'43. Tech Club.

MAZZONE, THOMAS JOSEPH Jamestown, N. Y.  
MECHANICAL ENGINEERING

Theta Kappa Phi. Shamrock Club. A.S.M.E.  
Transfer, Alfred University.

MELLIS, ROBERT WILLIAM Normandy, Mo.  
CIVIL ENGINEERING

Lambda Chi Alpha Vice Pres., '42. Miner Board.  
A.S.C.E. Treas., '43. Student Council. Rollamo  
Board. Interfraternity Council Vice-Pres., '43-  
'44.

MILLER, JAMES RICHARD St. Louis, Mo.  
CHEMICAL ENGINEERING

James Scholarship Award '41-'42. Football '41-  
'43. "M" Club Treas., '43-'44. Engineers' Club  
Board of Control, '42-'44. N.Y.A. Student Ass't  
Athletic Dept. Alpha Chi Sigma Recorder '43-  
'44. Tau Beta Pi. Student Ass't Chem. Dept.,  
'43. A.I.Ch.E. Junior Scholarship Award '42-'44.  
Mo. Academy of Science. Blue Key. Phi Kappa  
Phi.

MONTE, MICHAEL NICHOLAS Highland Falls, N. Y.  
MECHANICAL ENGINEERING

Tech. Club. R.O.T.C. Advanced Course. S.A.  
M.E.

MORGAN, LEWIS A. Joplin, Mo.  
MECHANICAL ENGINEERING

Theta Tau. Transfer, Joplin Jr. College.

MUELLER, JOHN DAVID St. Louis, Mo.  
CHEMICAL ENGINEERING

Shamrock Club. Alpha Chi Sigma, Chapter  
Historian '42-'43, Master of Ceremonies, '43-  
'44. Photography Club. A.I.Ch.E. R.O.T.C. Ad-  
vanced Course. S.A.M.E.

MURPHY, ROBERT EARL Dixon, Mo.  
ELECTRICAL ENGINEERING

Lambda Chi Alpha. Student Ass't Geological  
Survey. Tech Club. Alpha Phi Omega Treas.,  
'42-'43, Pres., '43. A.I.E.E. Treas., '42-'43. Stu-  
dent Ass't Military Dept. R.O.T.C. Advanced  
Course. S.A.M.E.

MUSHOVIC, PETER Greenfield, Mass.  
METALLURGICAL ENGINEERING

Lambda Chi Alpha. Shamrock Club. Student  
Ass't Library and Civil Dept. Rollamo Board.

NELSON, FRANCIS STOUT Kansas City, Mo.  
MECHANICAL ENGINEERING

Tech Club Board of Control, '43, Pres., '43-'44.  
Tau Beta Pi. A.S.M.E. Student Council. Music  
Club. Transfer, Kansas City Jr. College.

NEVIN, FREDERICK EUGENE Ottumwa, Ia.  
MECHANICAL ENGINEERING

Lambda Chi Alpha. Shamrock Club. Independ-  
ent's Board of Control, '41-'42. R.O.T.C. Ad-  
vanced Course. Detonators. S.A.M.E. A.S.M.E.



# SENIORS 1944

NORTHCUTT, JOHN JONES Sullivan, Mo.  
MINING ENGINEERING

Tech Club Bus. Mgr., '43. Student Ass't Geol. Survey. A.I.M.E.

NUELLE, RALPH EDWARD St. Louis, Mo.

ELECTRICAL ENGINEERING  
Theta Kappa Phi. A.I.E.E.

ORLOFSKY, SEYMOUR Hartsdale, N. Y.  
MECHANICAL ENGINEERING

Lambda Chi Alpha Pres., '43-'44. Miner Board. Mo. Academy of Science, State Chairman. Shamrock Club. Student Council. A.S.M.E. Sec'y, '42. S.A.M.E. Football Squad, '40-'42. Golf Squad, '40.

PATTERSON, EDWARD PALMER Kansas City, Kans.  
METALLURGICAL ENGINEERING

Tech Club. Miner Board. Music Club. A.I.M. M.E. A.S.M. Transfer, Kansas City (Kan.) Junior College.

PRESNELL, ALBERT WILLIAM St. Louis, Mo.  
CIVIL ENGINEERING

Triangle Steward, '43, Vice Pres., '43-'44. Student Ass't Civil Dept. Student Council. Transfer, Harris Teacher's College.

REICHERT, ALLAN STANLEY St. Louis, Mo.  
MECHANICAL ENGINEERING

Engineers' Club. A.S.M.E. Vice Pres., '42. Gym Club Sec'y-Treas., '42-'43. Photography Club Vice Pres., Sec'y-Treas., '43-'44.

RONAT, JEAN LAVERNE St. Louis, Mo.  
ELECTRICAL ENGINEERING

Engineers' Club Board of Control, '41-'42. Alpha Psi Omega. Student Ass't. E.S.M.W.T., '42-'43. Music Club. Glee Club. A.I.E.E.

ROOS, ROBERT WALSH St. Louis, Mo.  
CHEMICAL ENGINEERING

Student Ass't Chem. Dept., '41-'43. Miner Board. Theta Kappa Phi. Alpha Chi Sigma Reporter, '43. Alpha Psi Omega. A.I.Ch.E.

RUDERT, KENNETH EDWIN Cape Girardeau, Mo.  
CHEMICAL ENGINEERING

Sigma Pi Sec'y, '43, Vice Pres., '44. Alpha Chi Sigma Sgt. at Arms, '44. Student Ass't Chem. Dept., '42-'43.

RUDISAILE, HAROLD JOSEPH Lamar, Mo.  
ELECTRICAL ENGINEERING

Shamrock Club. Student Ass't Library, '39-'42. Engineers' Club. Student Ass't E.S.M.W.T., '42-'43. R.O.T.C. Advanced Course. Alpha Phi Omega. S.A.M.E.

SANDERS, LINCOLN ALVIN University City, Mo.  
CIVIL ENGINEERING

Transferred from Washington Univ., St. Louis.

SAURI, GUILLERMO Trujillo, Peru  
MINING ENGINEERING

Theta Kappa Phi pledge.

SAVU, AUGUST ROBERT St. Louis, Mo.  
METALLURGICAL ENGINEERING

Student Ass't Library '40-'42. Tech Club. A.S.M.

SCHMOLDT, HANS EDWARD New Brunswick, N.J.  
CHEMICAL ENGINEERING

Sigma Pi Corres., '42-'43, Herald, '42, Vice Pres., '43, Treas., '43, Pres., '43-'44. Interfrat. Council. A.I.Ch.E. Student Ass't Chem. Dept., '42-'43. Photo Club.

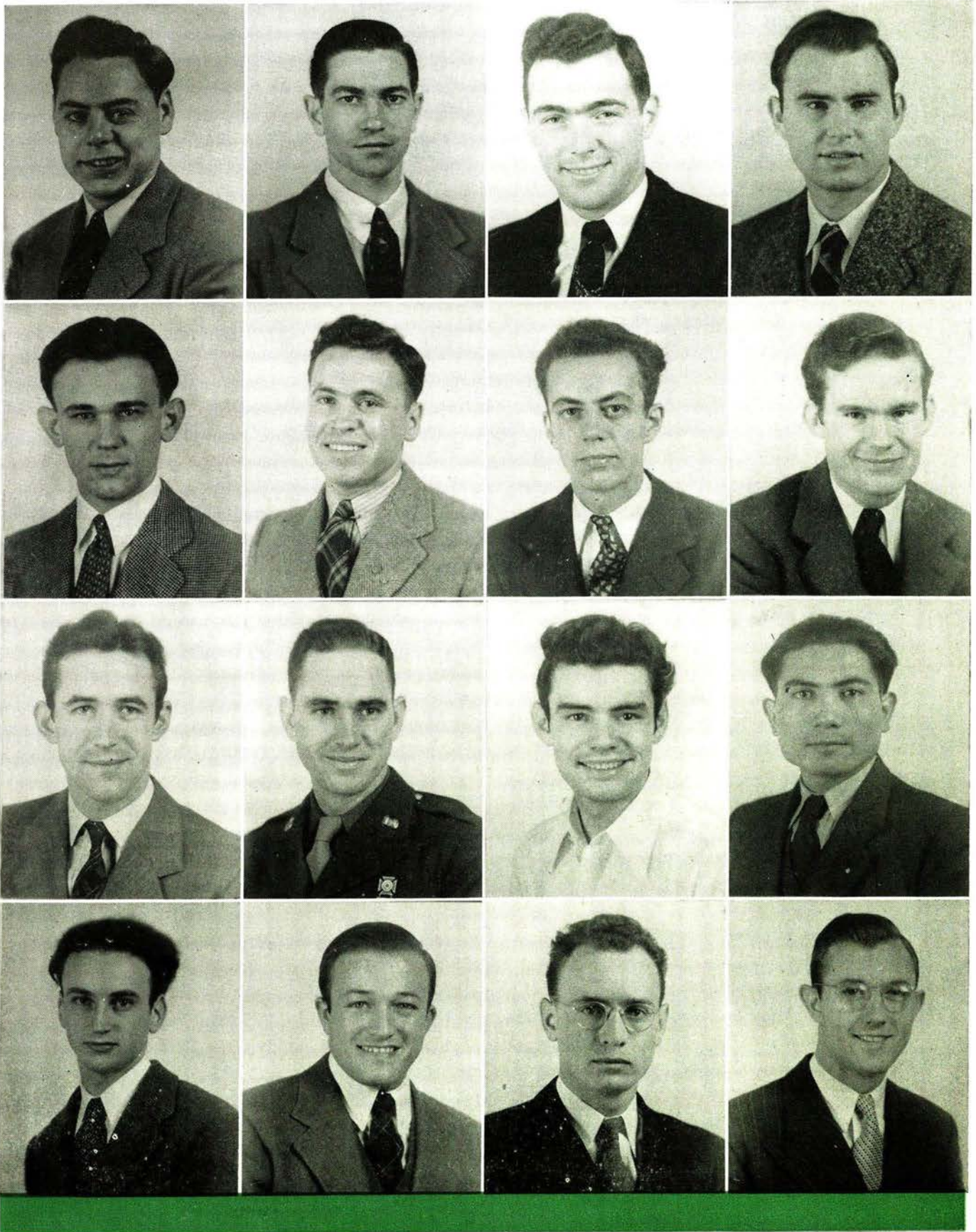
SCHULTZ, EDWARD MILTON St. Louis, Mo.  
METALLURGICAL ENGINEERING

Shamrock Club. Rifle Team Sec'y-Treas., '41-'42, Pres., '43. S.A.M.E. A.S.M. R.O.T.C. Advanced Course. Tech Club. Engineers' Club.

VAN OS, JOHN HERMAN St. Louis, Mo.  
ELECTRICAL ENGINEERING

M.S.M. Acad. of Science Pres., '41-'42. Engineers' Club. N.Y.A. Ass't Lib. Miner Board. Theta Tau Corres.-Sec'y, '42-'43, Regent, '43-'44. Student Ass't E.E. Dept. Alpha Phi Omega. Blue Key Sec'y-Treas., '43, Pres., '43-'44. Student Council, A.I.E.E. Independent's Sec'y-Treas. Music Club. Tau Beta Pi.



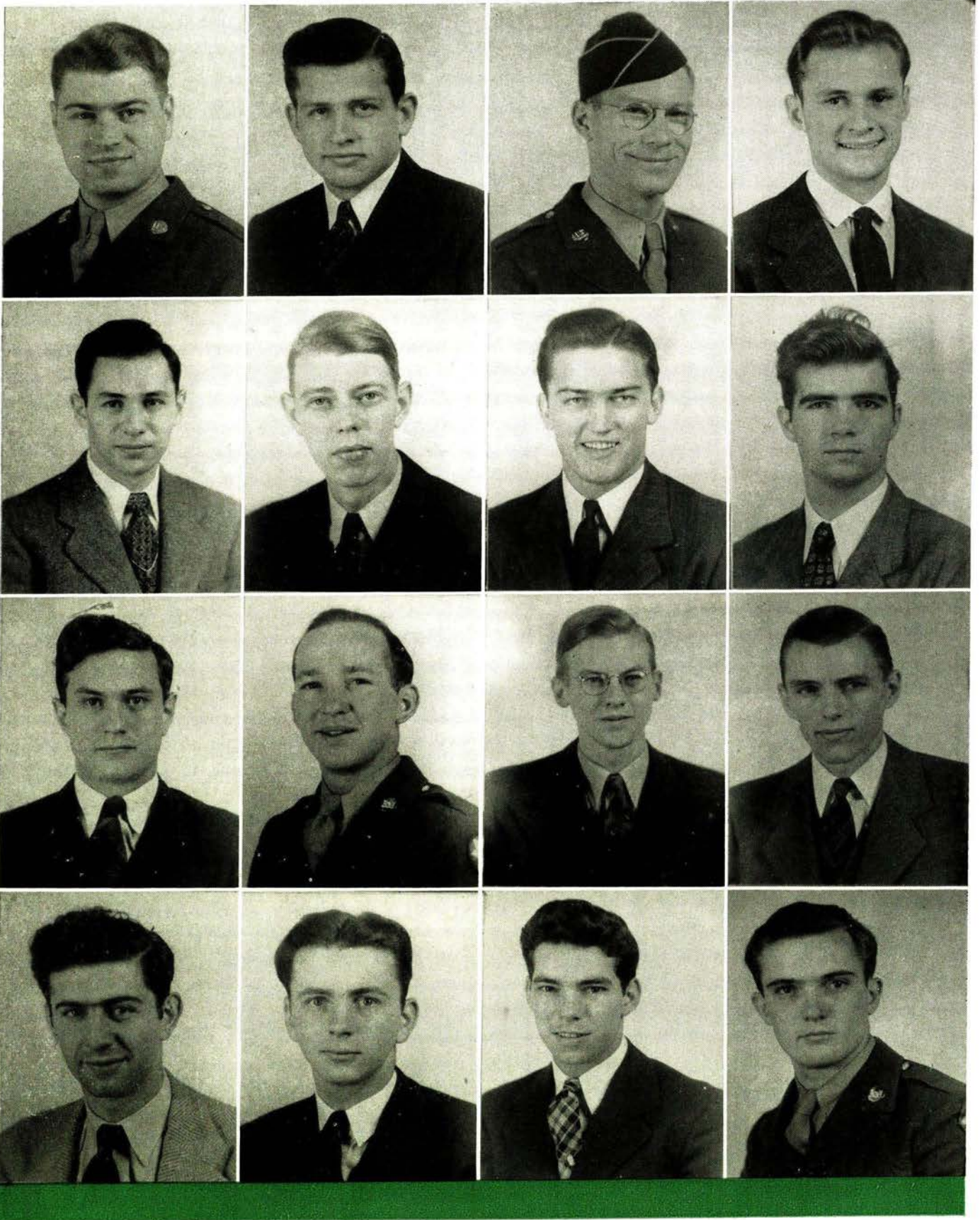


NORTHCUTT  
 PRESNELL  
 RUDERT  
 SAVU

NUELLE  
 REICHERT  
 RUDISAILE  
 SCHMOLDT

ORLOFSKY  
 RONAT  
 SANDERS  
 SCHULTZ

PATTERSON  
 ROOS  
 SAURI  
 VAN OS



SCHOENEBERG  
SIMONS  
STEGNER  
TATOIAN

SCOTT  
SJOBERG  
STEINER  
THIELE

SETCHFIELD  
SPARKS  
STOCKER  
THOMAS

SIEVERT  
STALEY  
SUMMERS  
THORWEGEN



# SENIORS 1944

SCHOENEGER, KENNETH WALTER St. Louis, Mo.  
CIVIL ENGINEERING

Tech Club. R.O.T.C. Advanced Course. A.S.  
C.E. S.A.M.E. Student Ass't Library, '42-'43.

SCOTT, HARRY SYLVESTER, JR. Rivermines, Mo.  
CHEMICAL ENGINEERING

Miner Board, Circulation Dept. Engineers' Club  
Board of Control, '41-'44. Alpha Chi Sigma  
Vice-Pres., '43-'44. Class of '44—Pres., '41-'42.  
St. Pat's Board Utilities Chairman, '43. A.I.  
Ch.E. Blue Key Vice Pres., '42-'43, Pres., '43-  
'44. Student Ass't Chem. Dept. '42-'43. Tau  
Beta Pi.

SETCHFIELD, ROBERT EUGENE St. Louis, Mo.  
MECHANICAL ENGINEERING

N.Y.A. Military Dept. Tech Club, R.O.T.C.  
Advanced Course. A.S.M.E. S.A.M.E. Senior  
Class Treas. Lambda Chi Alpha. Student Ass't  
Military Dept. Gym Club.

SIEVERT, MORRIS St. Louis, Mo.  
MECHANICAL ENGINEERING

A.S.M.E. Student Ass't Military Dept., '41-'42.  
Tech Club. Independent's Board of Control,  
'42-'43, Pres., '43-'44. Theta Tau Treas., '43.  
Student Council Pres., '43. Miner Board. St.  
Pat's Board. Blue Key.

SIMONS, SANFORD LAWRENCE Flushing, N. Y.  
METALLURGICAL ENGINEERING

M.S.M. Acad. of Science Treas., '40. Shamrock  
Club. Engineers' Club. Gym Club Vice Pres.,  
'42-'43. A.S.M. A.I.M.E. Sec'y, '43. Theta Tau.  
Student Ass't Met. Dept. Tau Beta Pi. Blue  
Key. Music Club.

SJOBERG, JOHN WILSON St. Louis, Mo.  
CHEMICAL ENGINEERING

Tech Club. Alpha Chi Sigma Reporter, '44.  
Transfer Southwest Missouri State Teachers  
College.

SPARKS, CHARLES HOWARD Ellsinore, Mo.  
CHEMICAL ENGINEERING

Shamrock Club, A.I.Ch.E. Treas., '43-'44. Alpha  
Chi Sigma M. of C. '42-'44. Student Ass't Chem.  
Dept. Sigma Pi. Engineers Club.

STALEY, GLEN LAMB St. Louis, Mo.  
CIVIL ENGINEERING

R.O.T.C. Band. Engineers' Club. Student Ass't  
Civil Dept. E.S.M.W.T. Tau Beta Pi. Theta  
Tau.

STEGNER, JOHN OSCAR Pleasant Green, Mo.  
MECHANICAL ENGINEERING

Shamrock Club. Tech Club. A.S.M.E.

STEINER, RICHARD GEORGE St. Louis, Mo.  
ELECTRICAL ENGINEERING

Tech Club Business Mgr., '42-'43. S.A.M.E. A.I.  
E.E. R.O.T.C. Advanced Course. Detonators.

STOCKER, DANIEL JAMES East St. Louis, Ill.  
CHEMICAL ENGINEERING

Theta Kappa Phi. Miner Board. A.I.Ch.E. Sec'y,  
'42-'43, Pres., '43. Tau Beta Pi. Phi Kappa Phi.  
Blue Key.

SUMMERS, ROBERT FREDERICK Rolla, Mo.  
MECHANICAL ENGINEERING

Student Ass't Geology Dept. Shamrock Club,  
Sec'y-Treas., '40. A.S.M.E. Tau Beta Pi Pres.,  
'41. Engineers' Club. Theta Tau. James Scholar-  
ship, '43-'44.

TATOIAN, GEORGE Naugatuck, Conn.  
CHEMICAL ENGINEERING

Lambda Chi Alpha. A.I.Ch.E. Student Ass't  
Chem. Dept.

THIELE, ALFRED WILLIAM Cape Girardeau, Mo.  
CHEMICAL ENGINEERING

Sigma Pi. Alpha Chi Sigma. Student Ass't  
Chem. Dept. A.I.Ch.E. Tau Beta Pi. Phi Kap-  
pa Phi.

THOMAS, WILLIAM JOSEPH Jefferson City, Mo.  
MECHANICAL ENGINEERING

Theta Kappa Phi. Interfraternity Council Pres.,  
'42. A.S.M.E. Alpha Phi Omega Pres., '43-'44.

THORWEGEN, ALBERT HENRY Rolla, Mo.  
CIVIL ENGINEERING

Theta Kappa Phi. Steward Treas., '42-'43. A.S.  
C.E. R.O.T.C. Miner Board. S.A.M.E. N.Y.A.  
Ass't C.E. Dept. Intramural Sports Wrestling  
and Handball.





WALTENSPIEL

WALTENSPIEL, EDMUND JOSEPH Rolla, Mo.  
CIVIL ENGINEERING

Alpha Phi Omega Treas., '43-'44. A.S.C.E. Pres., '43-'44. Student Ass't C.E. Dept.

WEGENER, WILBERT FREDERICK  
Marthasville, Mo.  
CIVIL ENGINEERING

Engineers' Club. A.S.C.E. Alpha Phi Omega Historian, '42-'43. R.O.T.C. Advanced Course. S.A.M.E. Student Ass't Civil Dept.



WEGENER



WICKER

WICKER, DAVE ANDREW Springfield, Mo.  
CHEMICAL ENGINEERING

Sigma Nu Recorder, '43-'44. Rollamo Board. Alpha Chi Sigma Pres., '43-'44. Miner Board Business Mgr., '43-'44. Student Ass't Chem. Dept. '42-'43. A.I.Ch.E.

WYGANT, KENNETH NORMAN  
Rock Stream, N. Y.  
ELECTRICAL ENGINEERING

Radio Club. Shamrock Club. Alpha Phi Omega. Theta Tau. R.O.T.C. Advanced Course. A.I. E.E. S.A.M.E.



WYGANT

## UNPHOTOGRAPHED SENIORS

BARNES, WILLIAM GERVAISE Springfield, Ill.  
MINING ENGINEERING

Triangle Recording Sec'y, '43. A.I.M.E. Student Ass't in Mining Department.

BLOCK, HAROLD S. St. Louis, Mo.  
ELECTRICAL ENGINEERING  
A.I.E.E.

BUSH, ARTHUR JOE University City, Mo.  
MINING ENGINEERING

Pi Kappa Alpha Sec'y, '41, Pledgemaster, '43. Intramural Sports. "M" Club Sec'y, '42. Track Team. R.O.T.C. Advanced Course. S.A.M.E. A.I.M.E.

CHALK, J. NEVILLE Dallas, Tex.  
METALLURGICAL ENGINEERING

Sigma Pi Herald, '42. Photo Club. R.O.T.C. Advanced Course, S.A.M.E.

FORBES, JACK COLEMAN Rolla, Mo.  
MECHANICAL ENGINEERING  
A.S.M.E. Treas., '43.

FRAME, RUSSELL ELLIOT Rolla, Mo.  
ELECTRICAL ENGINEERING

Kappa Sigma Master of Ceremonies, '42, Inner Guard, '41. Alpha Phi Omega. A.I.E.E. Sec'y, '42. Theta Tau. R.O.T.C. Advanced Course. Blue Key. S.A.M.E.

HERRMANN, JACK OLIVER Ferguson, Mo.  
CIVIL ENGINEERING

N.Y.A. Ass't Civil Dept. Tech Club. A.S.C.E. Alpha Psi Omega. R.O.T.C. Advanced Course. Detonators. S.A.M.E. Student Ass't E.S.M.W.T.

ISENMANN, EDWARD STEPHAN Warrenton, Mo.  
MECHANICAL ENGINEERING

Alpha Lambda Tau, '41. Engineers' Club. "M" Club Member. Student Ass't Physical Education Dept.

LYLE, SAMUEL HUTCHISON Ferguson, Mo.  
CIVIL ENGINEERING

A.S.C.E. R.O.T.C. Advanced Course. S.A.M.E. N.Y.A. Student Ass't in Civil Dept.

MILLER, EBERT HAMMEL St. Louis, Mo.  
MECHANICAL ENGINEERING

Tech Club. R.O.T.C. Advanced Course. "M" Club Member. S.A.M.E. Football Squad.

MOELLER, LESTER KENNETH Ellis Grove, Ill.  
CIVIL ENGINEERING

R.O.T.C. Advanced Course. S.A.M.E. N.Y.A. Student Ass't Civil Dept.

MURPHY, RAY JOSEPH Bonne Terre, Mo.  
MECHANICAL ENGINEERING

Engineers' Club. Transferred from Flat River Junior College.

PINGEL, VERNON JOHN Rolla, Mo.  
METALLURGICAL ENGINEERING

Shamrock Club, Board of Control, '41-'42. N.Y.A. Ass't Business Office. Student Council. Intramural Board. A.I.M.M.E. Tau Beta Pi Vice Pres., '43. A.S.M.

RULE, WILLIAM THOMAS Parsons, Kans.  
METALLURGICAL ENGINEERING

Kappa Sigma Guard, '43. Glee Club Vice Pres., '42. A.S.M. A.I.M.E. Intramural Sports. Transferred from Parsons Junior College.

WALSH, FRANCIS REGIS St. Louis, Mo.  
CIVIL ENGINEERING

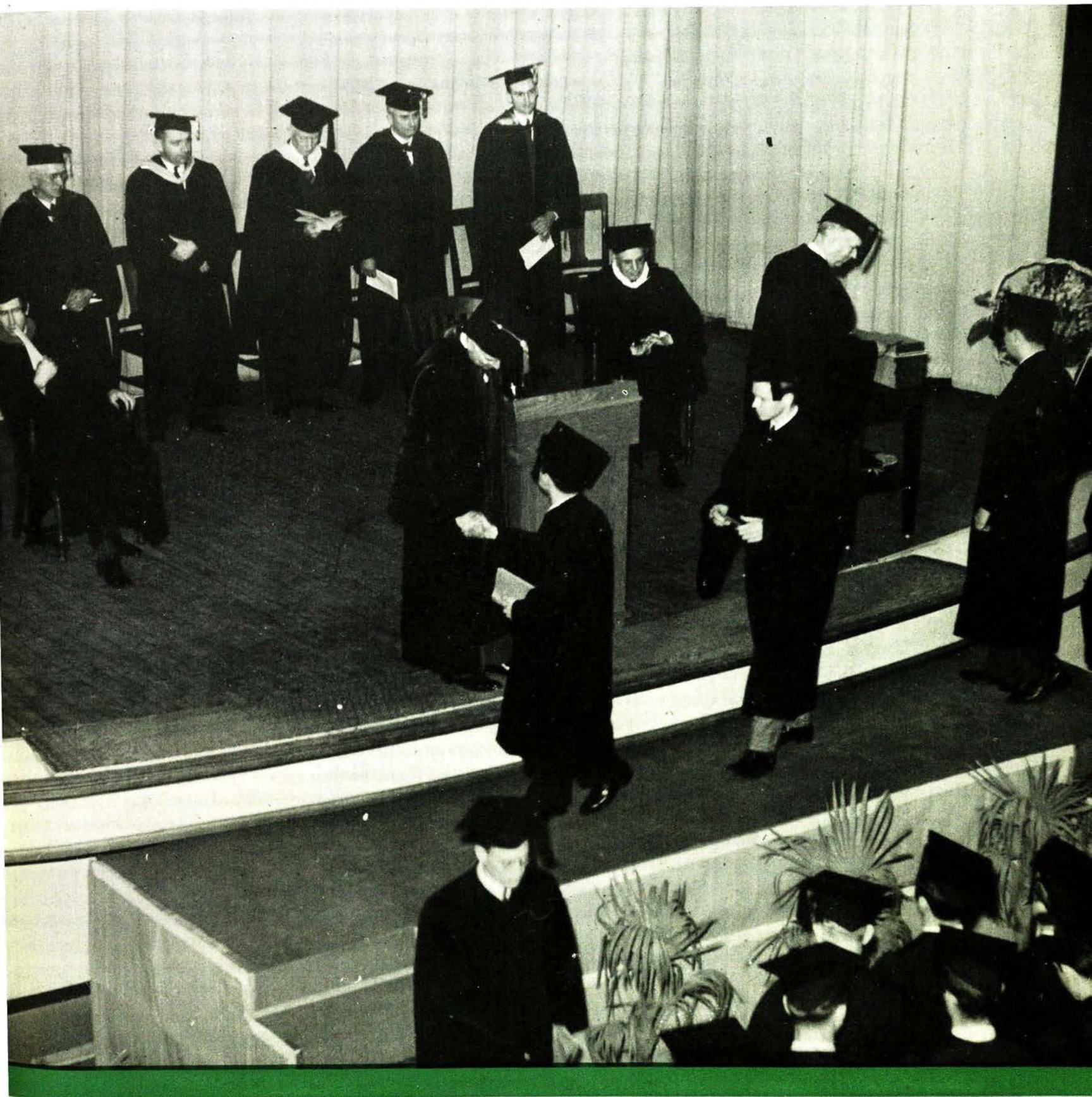
N.Y.A. Student Ass't Civil Dept. Varsity Track Team. Engineers' Club. A.S.C.E. R.O.T.C. Advanced Course. S.A.M.E.

WAMPLER, RICHARD EARL Mascot, Tenn.  
MINING ENGINEERING

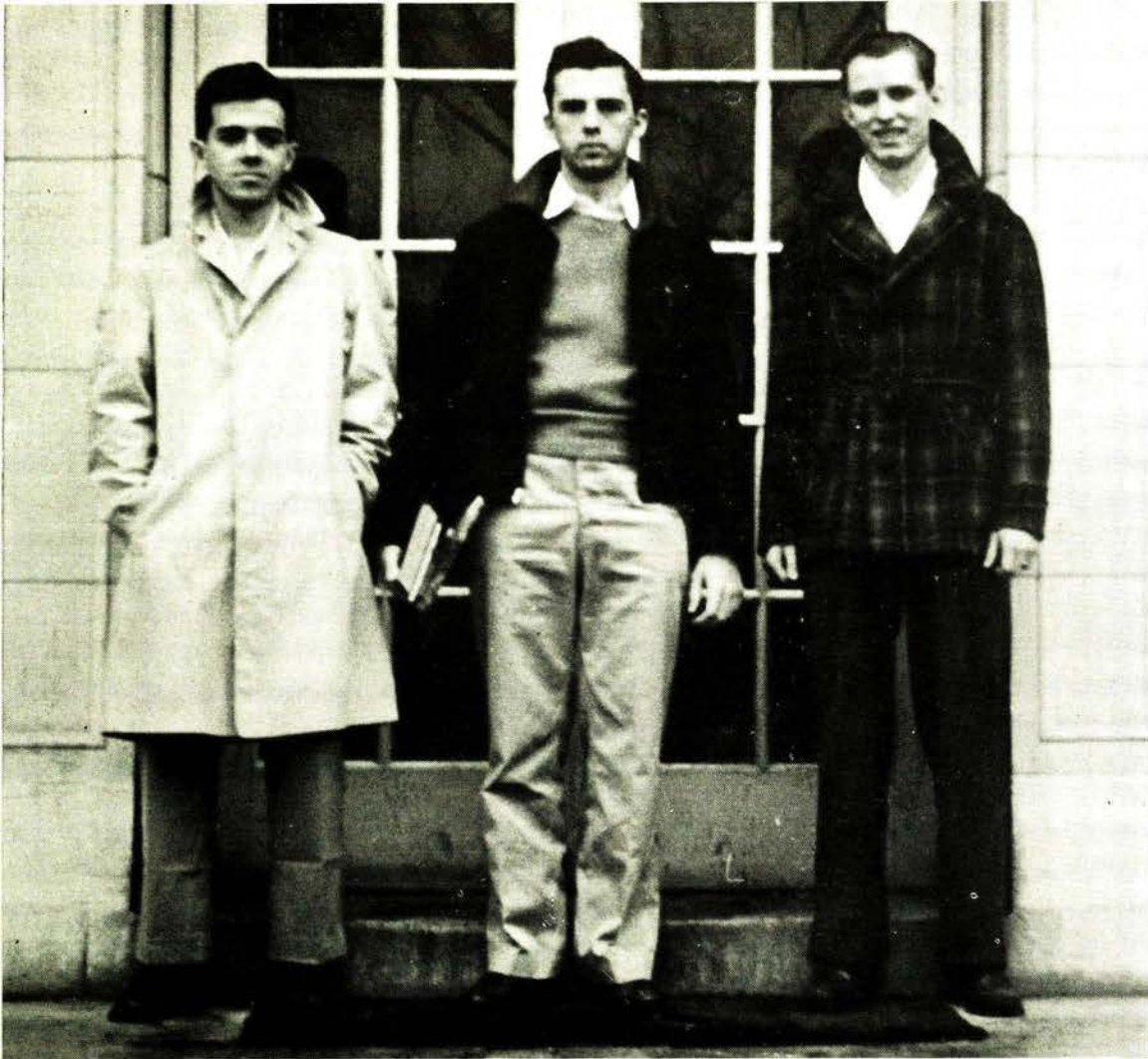
Engineers' Club Board of Control, '41, Sec'y-Treas., '42, Pres., '43. Miner Board, Circulation Dept. Class of '44 Vice Pres., '41. A.I.M.E. Treas., '43. Student Ass't Mining Dept., '43. Independent's Board of Control.

WESTWATER, ROBERT STUART Kansas City, Mo.  
METALLURGICAL ENGINEERING

Pi Kappa Alpha Treas., '41. Rollamo Board. St. Pat's Board Vice Pres., '40. Golf Squad, '40-'41. Rollamo Board Managing Editor, '40-'41. A.S.M. "M" Club, '40-'42.



A MILESTONE



## OFFICERS

*President* Richard Walker  
*Vice-President*  
 Joseph Sheppard  
*Secretary* Ernest Weinell  
*Treasurer* James Wylie

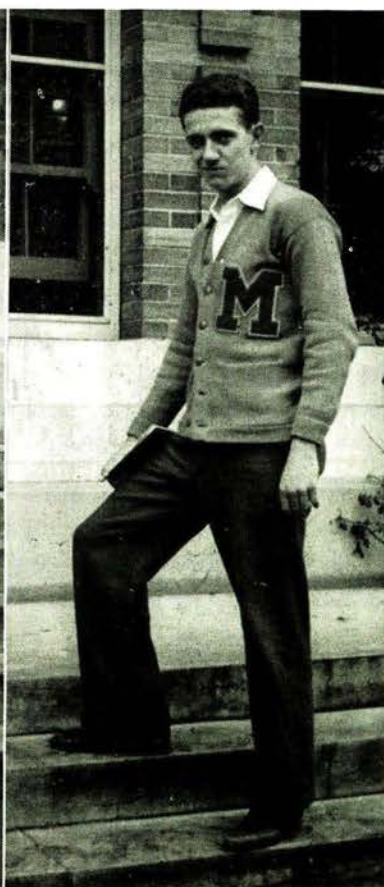
SHEPPARD  
 WEINEL  
 WILEY

# JUNIORS

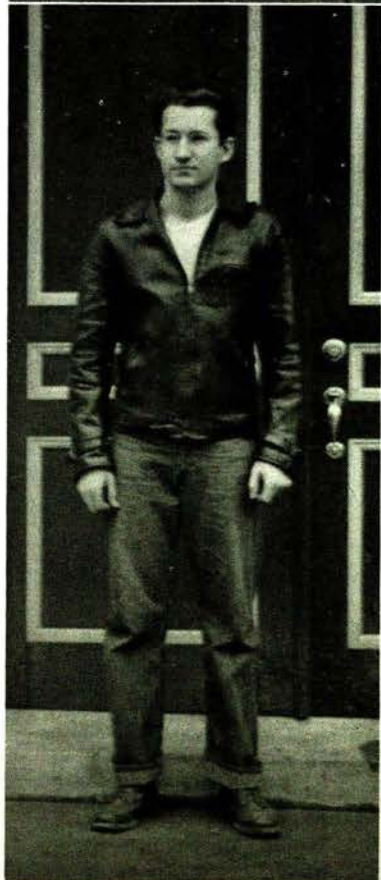
Allen, G. W.	Kansas City	Kasten, P. R.	Jackson	Schmitz, F. W.	Glendale
Anton III, C. P.	Hannibal	Kasten, V. L.	Jackson	Schofro, F. O.	St. Louis
Arana, R. J.	Chihuahua, Chia. Mexico	<u>Kawaguchi, M. J.</u>	Topaz, Utah	Selleck, L. H.	Kansas City
Barnett, W. J.	University City	Kinder, Ivan P.	E. St. Louis, Ill.	Sexauer, B. J.	St. Louis
Barron, E. D.	Clayton	Lindberg, A. W.	Cuba	Shank, E. M.	Carthage
Billy, J. H.	St. Louis	Little, J. E.	Clever	Sheppard, J. W.	Springfield
Blount, D. T.	Cape Girardeau	Lloyd, S. H.	Rolla	Sheppard, K. D.	Fornfelt
Break, W. L.	Cape Girardeau	McCarthy, J. J.	St. Louis	Shivelbine, W. L.	Cape Girardeau
Brinkmann, H. O.	St. Louis	McCutchen, N. L.	St. Louis	Smith, Alice J.	Ft. Leonard Wood
Browning, C. M.	Rosiclare, Ill.	McDowell, G. K.	St. Louis	Smith, J. A.	Hannibal
Clayton, J. B.	Webster Groves	Magill, W. H.	Cape Girardeau	Sparlin, B. J.	St. Louis
Crosby, R. A.	Kirkwood	Milton, O.	University City	Steininger, D. H.	St. Louis
Custis, M. L.	Carthage	Moniak, E.	Brooklyn, N.Y.	Trogdon, R. L.	Alton, Ill.
Davis, C. B.	St. Louis	Montgomery, R. M.	Sikeston	Tucker, P. A.	Palmyra
Dean, G. E.	Morris, Ill.	Nichols, B. W.	Baxter Springs, Kans.	<u>Uyetake, Kor</u>	Newell, Calif.
Doss, G. K.	Cranford, N. J.	Pautler, R. E.	Union	Vogt, R. A.	St. Louis
Duffner, B. W.	De Soto	Piasecke, R. F.	St. Louis	Vorbeck, J. C.	St. Louis
Elam, J. D.	Fulton, Ky.	Ploesser, A. P.	St. Louis	Weber, W. E.	St. Louis
Ellis, W. F.	Shreveport, La.	Rankin, R. C.	Rolla	Webers, H. F.	St. Louis
Eriv, Leon	New York, N. Y.	Reader, E. G.	Richmond Heights	Wegener, R. H.	Collinsville, Ill.
Feyerabend, G. A.	St. Louis	Riggs, J. R.	Cape Girardeau	Weinell, E. A.	East St. Louis, Ill.
Finley, C. E.	Lamar	Rock, R. M.	St. Louis	Williamson, R. L.	St. Louis
Gilliland, H. J.	Jefferson City	Rust, H. R.	West Plains	Wilson, J. W.	Spickard
Heineck, R. L.	St. Louis	Schalk, H. F.	St. Louis	Wylie, J. E.	St. Louis
Hoffman, A., Jr.	St. Louis			Yoder, C. B.	Springfield

# JUNIOR PERSONALITIES

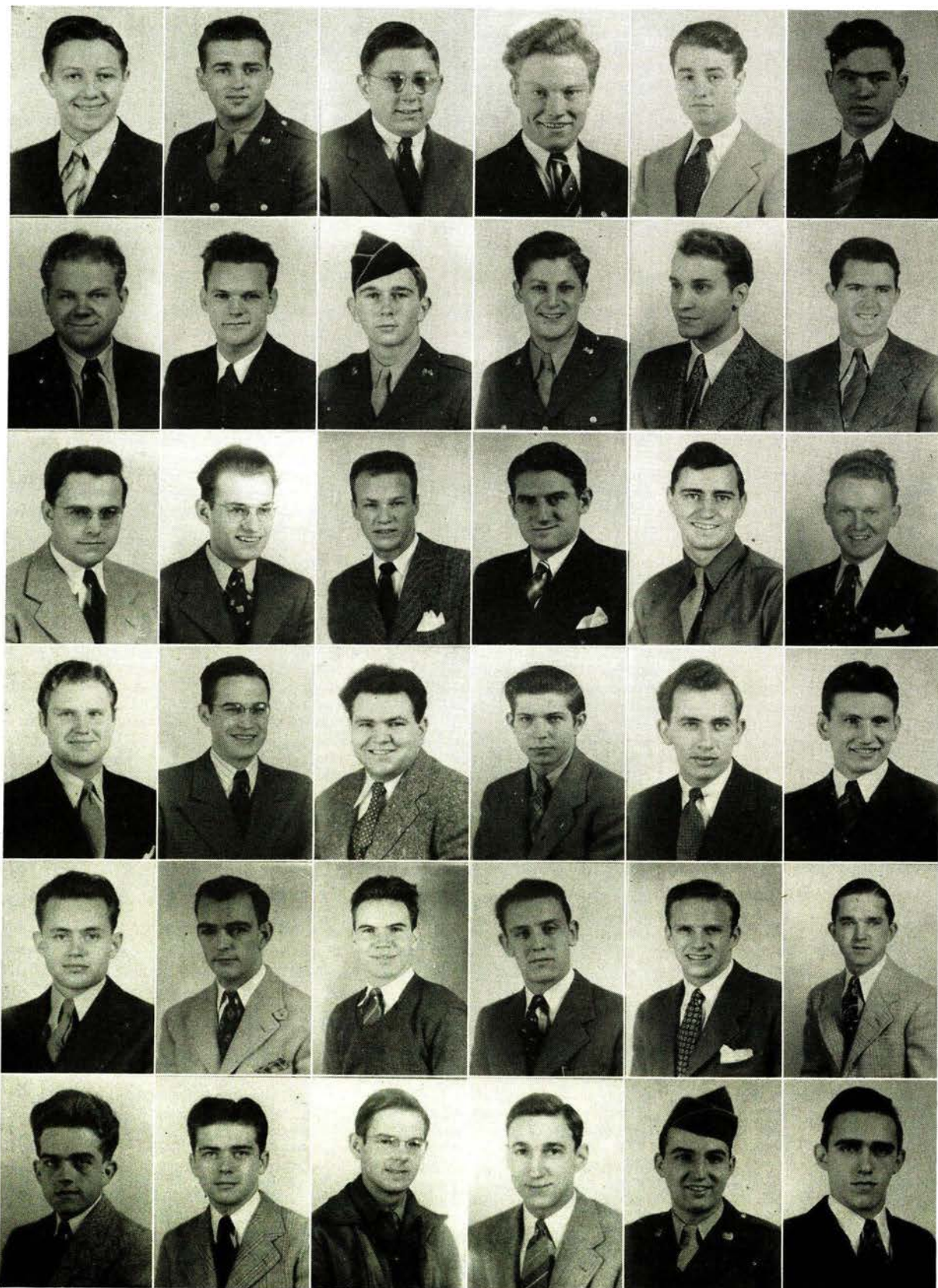
FINLEY  
WEBERS  
VAN OS



SCHMITZ  
PLOESSER  
HOFFMAN



# JUNIORS



ALLEN  
BREAK  
DAVIS  
FEYERABEND  
KASTEN, V.  
MCDOWELL

ANTON  
BRINKMANN  
DEAN  
FINLEY  
KINDER  
MAGILL

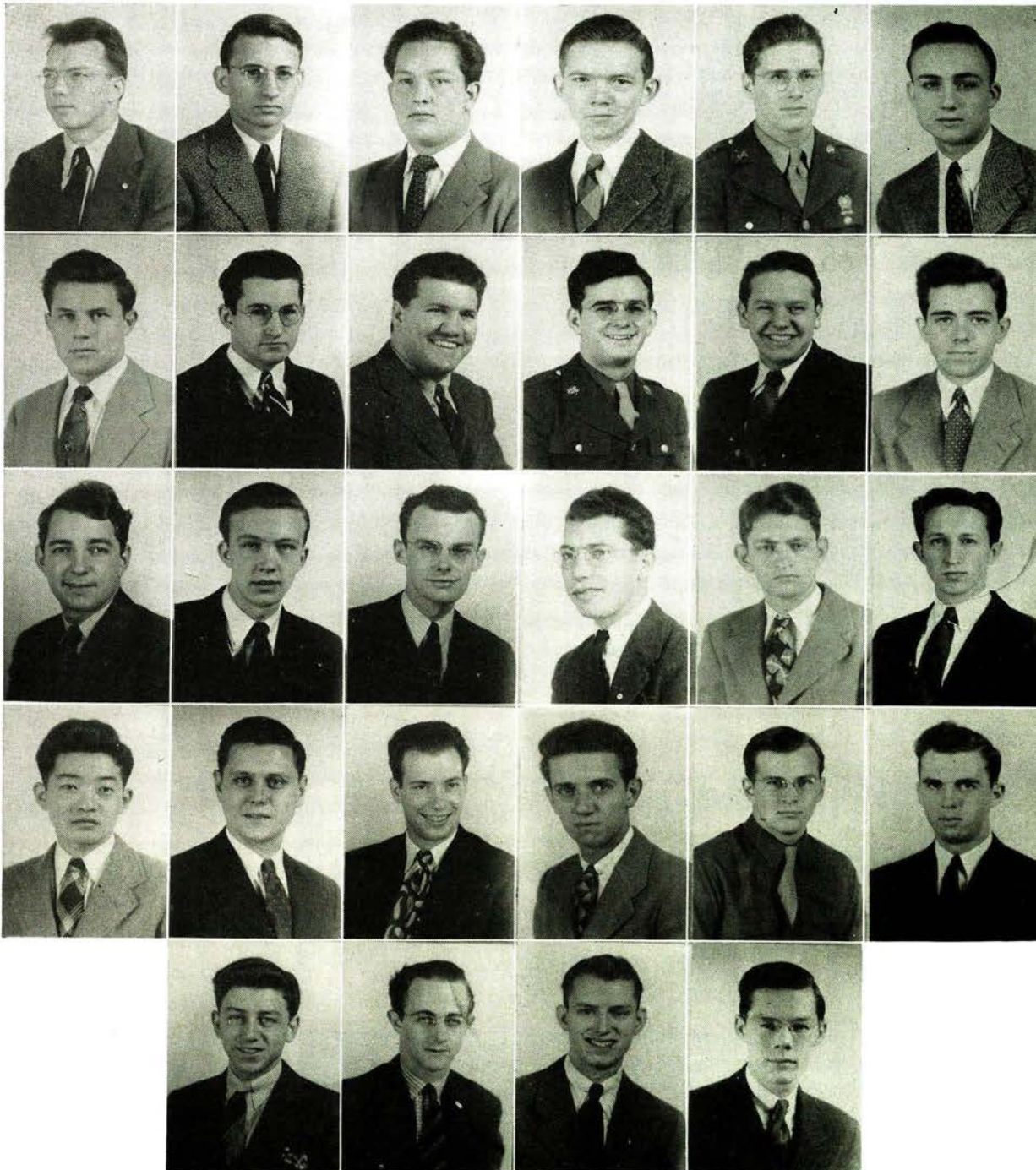
BARNETT  
BROWNING  
DUFFNER  
GILLILAND  
LINDBERG  
MILTON

BARRON  
CLAYTON  
ELAM  
HEINECK  
LITTLE  
MONTGOMERY

BILLY  
CROSBY  
ELLIS  
HOFFMAN  
MCCARTHY  
NICHOLS

BLOUNT  
CUSTIS  
ERIV  
KASTEN, P.  
MCCUTCHEN  
PAUTLER

# JUNIORS



PIASECKE  
SCHALK  
SHEPPARD, K.  
UYETAKE

PLOESSER  
SCHMITZ  
SHIVELBINE  
VORBECK  
WILLIAMSON

READER  
SCHOFRO  
SMITH  
WEBER  
WILSON

RIGGS  
SELLECK  
SPARLIN  
WEBERS  
WYLIE

ROCK  
SHANK  
TROGDON  
WEGENER  
YODER

RUST  
SHEPPARD, J.  
TUCKER  
WEINEL



# THE SOPHOMORES

## OFFICERS

*President* . . . . Lawrence Jamboretz  
*Vice-President* . . . . Robert Adamo  
*Treasurer* . . . . Robert Barmeier  
*Secretary* . . . . . Leroy Markway





# SOPHOMORE CLASS



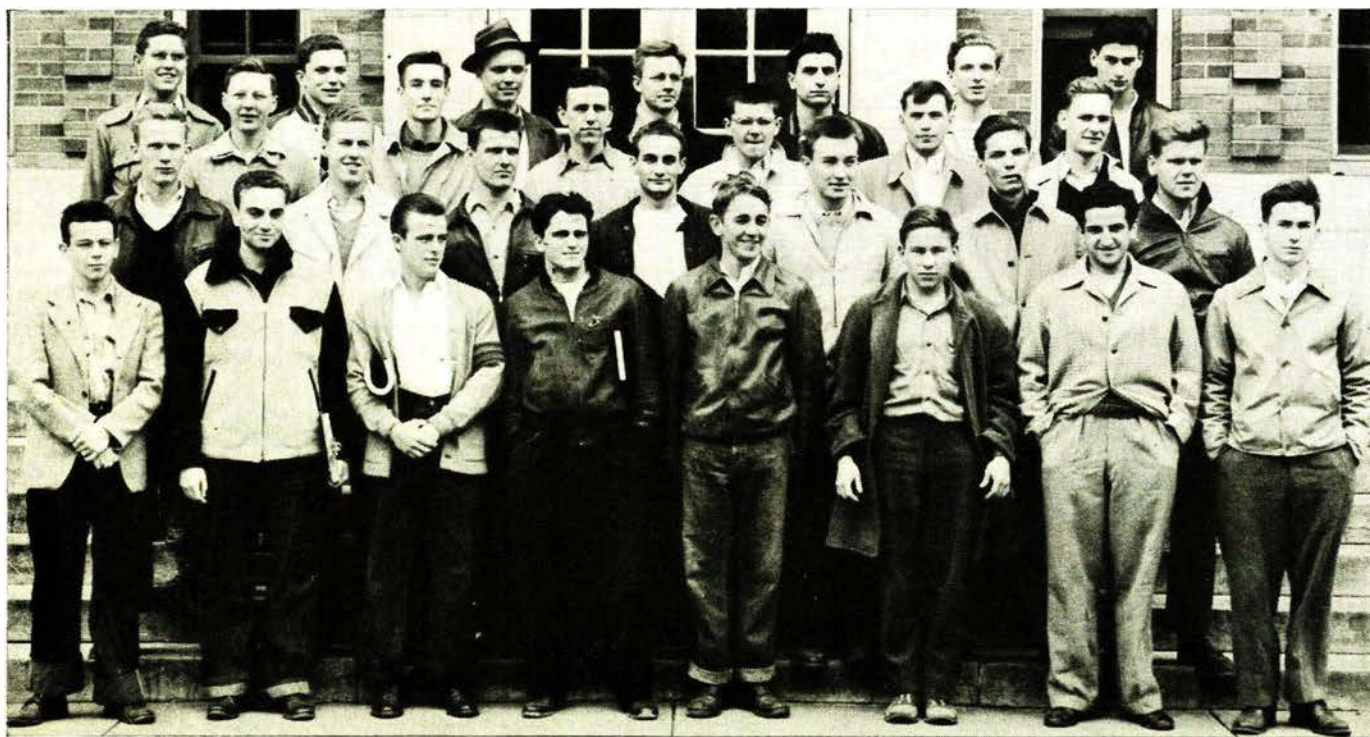
Adamo, R. J.	Waterloo, N. Y.	Jamboretz, L. J.	St. Louis	Ozawa, J. K.	Hunt, Idaho
Allen, K.	St. Louis	Jost, G. M.	Webster Groves	Portmann, M. E.	St. Louis
Barmeier, R. L.	St. Louis	Juergens, R. J., Jr.	St. Louis	Rankin, N. O.	Rolla
Belew, E. W.	Lemay	Kaempf, L. R.	St. Louis	Rasmussen, K. N.	St. Louis
Buterbaugh, B. E.	Rich Hill	Kiburz, W. H.	St. Louis	Reed, C. W.	Montgomery City
Canning, F. H., Jr.	St. Louis	Koch, D. H.	St. Louis	Roley, R. N.	St. Louis
Chestnut, E.	Joplin	Kuwamoto, Satoshi	Rivers, Ariz.	Rutledge, W. A.	Lemay
Copeland, A. E.	Rich Hill	Kuwamoto, Yasuyuki	Rivers, Ariz.	Scheineman, J. A.	Sterling, Ill.
Daniels, T. D.	Butler	Landy, H. G.	Chicago, Ill.	Schmitz, R. L.	Glendale
Davidson, G. A.	Kansas City, Kan.	Lowder, D. G.	Rich Hill	Seabaugh, R. R.	Perryville
Deichmann, A. M.	Webster Groves	McClary, L. R.	St. Louis	Sisk, F. O.	Excelsior Springs
Dieckman, L. E.	St. Louis	McKelvey, J. M.	University City	Stadelhofer, J.	Webster Groves
Duke, Calvin W.	St. Louis	Markway, L. H.	Jefferson City	Tapperson, A.	Maplewood
Ehrlich, J. W.	Ft. Leonard Wood	Meenen, A. R.	St. Louis	Tarson, S.	Kansas City
Emo, R. E.	St. Louis	Meyer, D. I.	St. Louis	Todd, F. A.	Vichy
Fields, L. E.	St. Louis	Milz, E. A.	St. Louis	Trace, J. J.	Crystal City
Glaves, J. V.	St. Louis	Moe, H. G.	Honolulu, T. H.	Walpert, G. W.	Monett
Guilfoy, D. C.	St. Louis	Mueller, J. R.	Maplewood	Welborn, A. T.	St. Louis
Hackmann, R. E.	St. Charles	Murray, R. E.	St. Louis	Whaley, H. P.	St. Louis
Henry, G. E.	Springfield	Niewoehner, R. J.	Richmond Hts.	White, R. T.	Glendale
Hessling, D. H.	St. Louis	Nomi, J. Y.	Hunt, Idaho	Wilhelms, K. M.	St. Louis
Hopper, H. Z.	Cooter	Olivares, A.	Caracas, Venezuela	Yochum, R. J.	St. Louis
Ikeuye, K. K.	Poston, Ariz.	Olsen, O. M.	Little Rock, Ark.		



# THE FRESHMEN

## OFFICERS

*President* ..... J. C. Vogt  
*Vice-President* ..... C. Turk  
*Secretary* ..... H. C. Brehe  
*Treasurer* ..... A. C. Cook

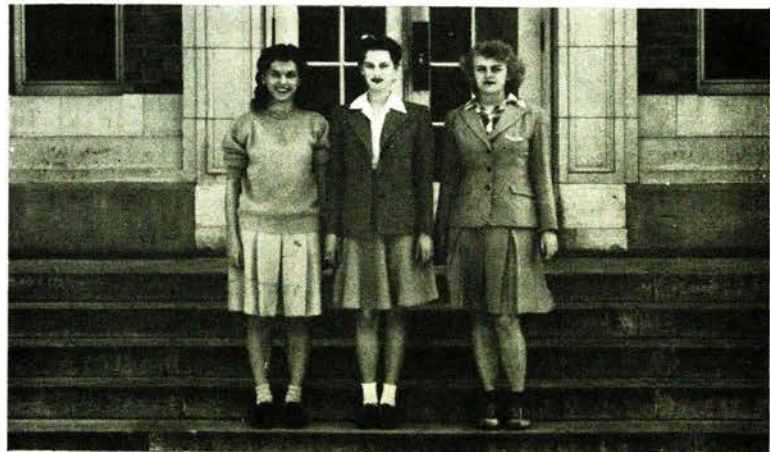


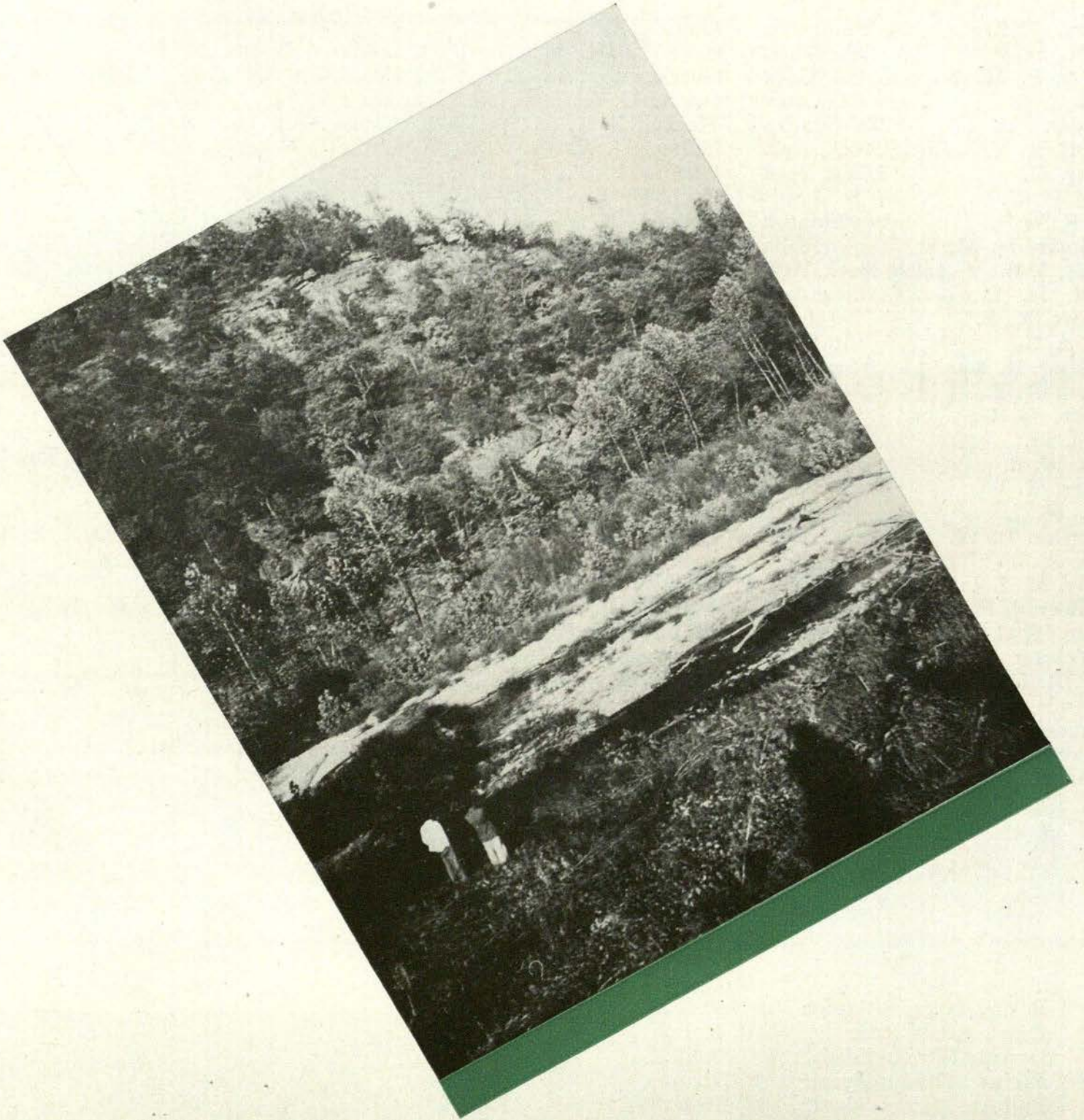
# FRESHMAN CLASS

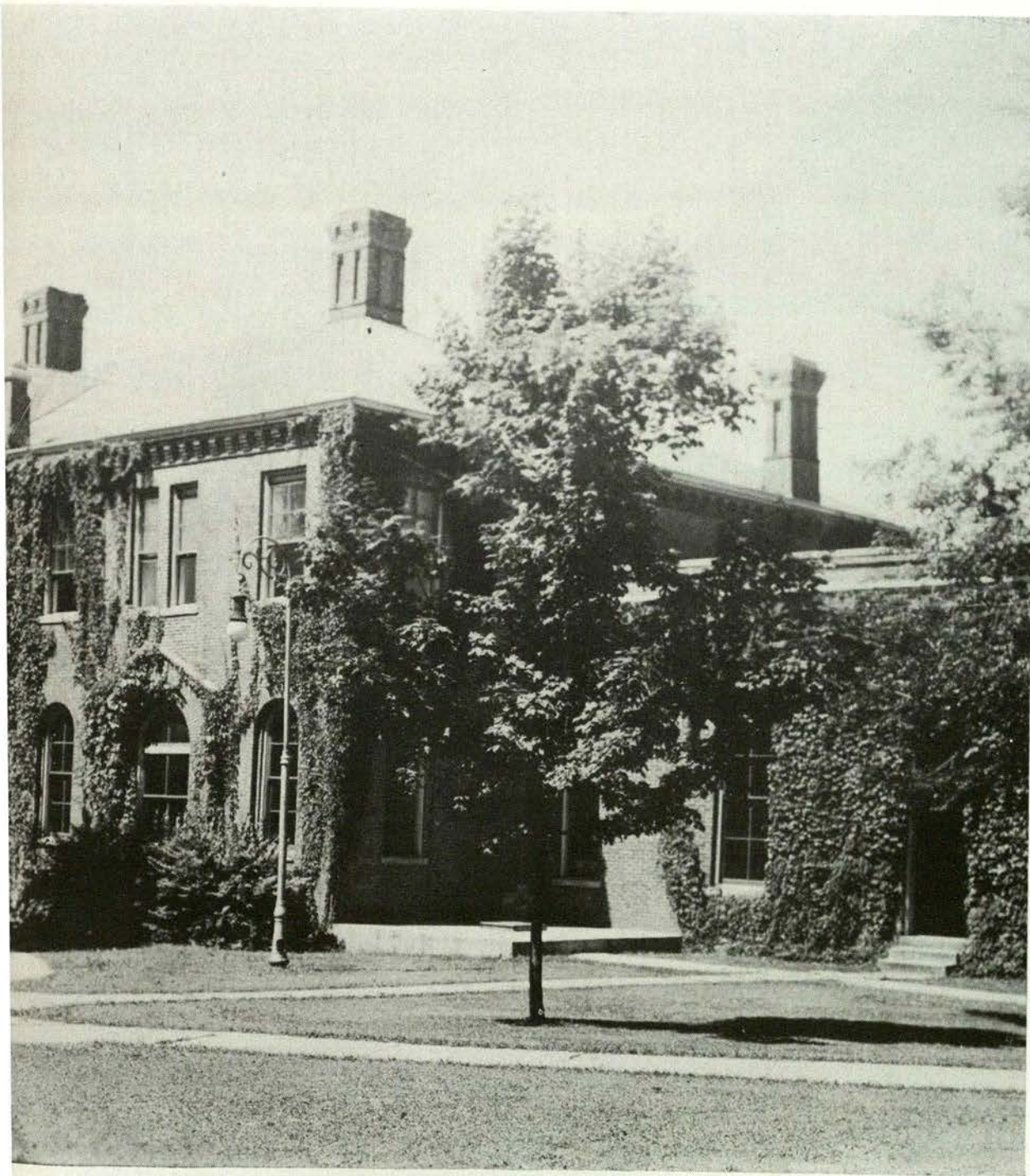
Alderman, J. D.	Denver, Colo.	Ferber, T. H.	Kirkwood	Olfe, C. O.	St. Louis
Altmann, F. E.	St. Louis	Flanagan, W. J.	St. Louis	Oliver, E. L. Jr.	Little Rock, Ark.
Atkisson, D. W.	Aurora	Galavis, H. J.	Caracas, Ven. S. A.	O'Sullivan, J. L.	Farmington
Barkley, J. E.	Lucerne	Gaulden, E. G.	Cameron	Padovano, A. T.	Boonton, N. J.
Bay, R. D.	St. Louis	Gevecker, R. V.	St. Louis	Pagano, S. J.	Crystal City
Bennett, P. M. Jr.	Rolla	Goodenough, K. E.	St. Louis	Pankau, H. E.	Kirkwood
Bissell, J. J.	St. Louis	Grant, G. T.	Hannibal	Parish, G. W.	Springfield
Blackshaw, W. E.	St. Charles	Hackel, B. K.	St. Louis	Darsons, P. H.	Crane
Boaz, L. R.	Little Rock, Ark.	Hailey, H. L.	St. Louis	Pillip, E. R.	St. Louis
Boza, J. H.	Lima, Peru	Hoehn, E. E.	Perryville	Poll, K. O.	St. Charles
Brehe, H. C.	St. Louis	Hoff, H. L.	Fillmore, Ill.	Powell, J. D.	Rolla
Buel, R. W.	Washington	Hoover, D. W.	Festus	Raining, R. C.	Clayton
Casselmann, H. M.	Rolla	Hornecker, C. W.	Union	Rauch, R. P.	St. Louis
Chaney, J. B.	Little Rock, Ark.	Hubbard, W. F.	Bosworth	Reilly, J. G. Jr.	Pachuca, Mex.
Coffell, H. L.	Amsterdam	Juenger, G. J.	Maplewood	Rubinton, G.	Brooklyn, N. Y.
Connors, R. F.	Moberly	Kite, D.	Festus	Ruff, D. O.	St. Joseph
Cook, A. C.	St. Louis	Koenig, F. G.	St. Louis	Russo, J.	St. Louis
Copeland, R. E.	St. Louis	Kolde, R. E.	St. Louis	Saenz, R. La Ascencion,	Chih, Mex.
Corbett, R. E.	Pacific	Kramer, W. A.	St. Joseph	Schindler, J. J.	St. Louis
Coulter, G. G.	Joplin	Kueser, J. J.	Webster Groves	Selle, J. B.	Farmington
Cox, J. H.	Kirkwood	Lane, R. J.	Princeton	Seltzer, L. L.	New York, N. Y.
Crain, W. P.	St. Louis	LaPage, J. A.	Newburgh, N. Y.	Shibata, H. H.	Poston, Ariz.
Cramer, M. W.	St. Louis	Lee, K. Q.	St. Louis	Short, J. R.	Borger, Tex.
Crow, H. J.	St. Louis	Line, D. L.	Rolla	Siefert, W. R. Jr.	St. Louis
Daetwyler, D. W.	Lamar	Luebchow, J.	Rolla	Stoecker, W. F.	Valley Park
Dasso, A. T.	Lima, Peru	McCumber, D. E.	Normandy	Tappmeyer, R. A.	Owensville
Delany, M. J. Jr.	St. Louis	Maddox, J. A.	Springfield, Ill.	Tee, D. M.	Springfield
Den Boer, J. H.	Des Moines, Ia.	Martin, B. E.	Evansville, Ind.	Teel, J. H.	Overland
Devine, T. G.	St. Louis	Meifert, W. J.	University City	Victor, C. E.	Salem
De Webster, L. L.	Roxana, Ill.	Mestemacher, M. M.	St. Louis	Vreeland, R. M.	St. Louis
Doisy, R. J.	Webster Groves	Miller, F. J.	St. Louis	Watkins, C. W.	Webster Groves
Edmunds, A. W.	St. Louis	Morrow, T. H.	Carthage	Wehking, C. W.	St. Louis
Ellerman, W. E.	St. Louis	Neher, J. F.	Washington	Williams, R. J.	St. Louis
Entzerothm, R. E.	Webster Groves	Novak, G. J.	St. Louis	Wool, S.	University City
Feltmann, J. A.	Washington	O'Brien, J. T.	University City		

## UNCLASSIFIED STUDENTS

Baker, Natalie Janice	Rolla
Cross, Adah Rose	Rolla
Downes, Doris Edith	Rolla
Elkins, Gladys Irene	Dixon
Embree, James Nagle	Rolla
Katz, Adele Powell	Rolla
Kroner, Jeanette Marie	St. James
Lehr, Hazel Gray	
	Ft. Leonard
Milsted, Harriet Virginia	Wood
Ritzman, June La Verne	Rolla
Trial, Ruth	Rolla
Wilks, Betty Ellen	
	Ft. Leonard
Ziske, Theodore	Wood Salem



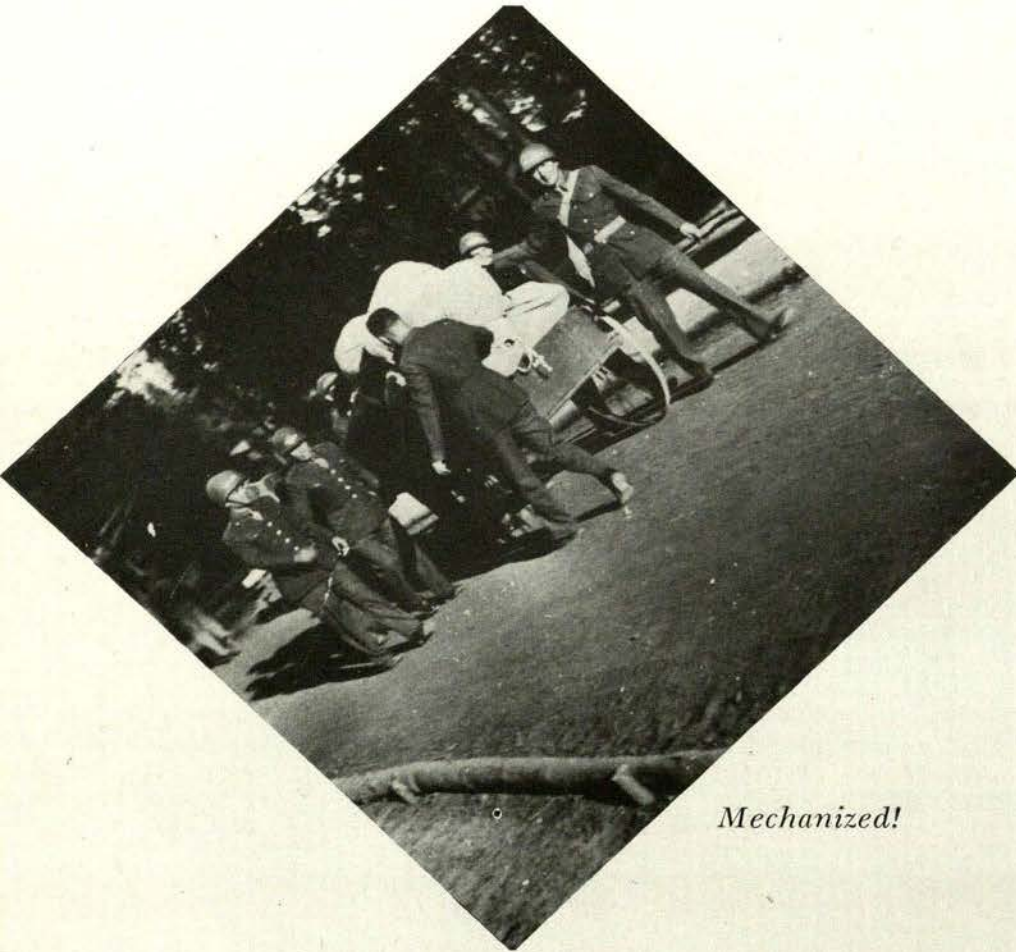




# The Army

Missouri School of Mines welcomed a contingent of about 400 Army men to its campus in August, 1943. The instruction received is deemed necessary by the Army for basic engineering training.

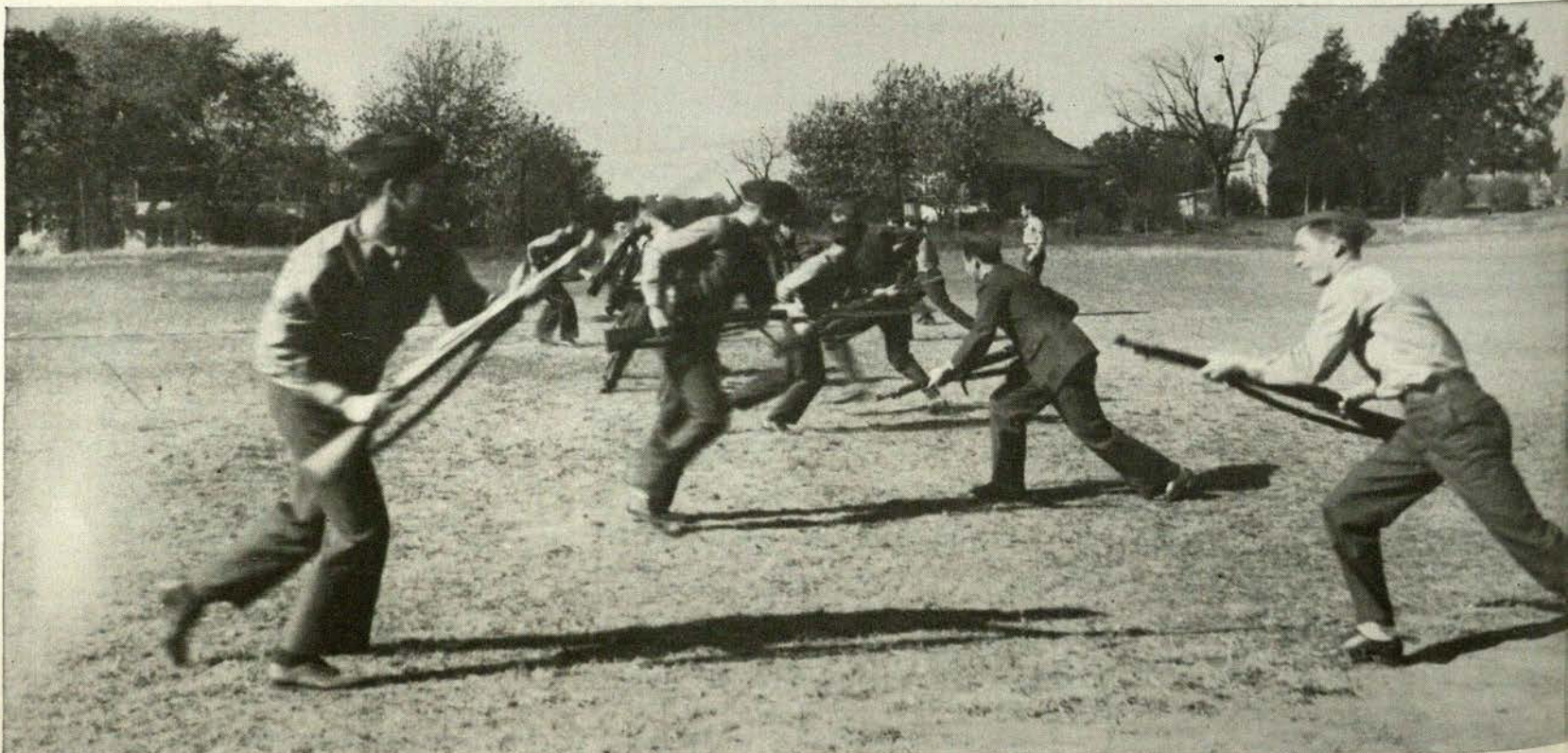




*Mechanized!*

## R. O. T. C. IN ACTION

Scores of graduates of the Missouri School of Mines Regiment of the Reserve Officers' Training Corps are now serving the United States on every war front in the world. The training they received here was thorough and opportune. Many of these men have been decorated; some have died. But wherever or whatever their service, they have reflected credit upon their country and school.



*Only Kidding NOW!*

# R. O. T. C.

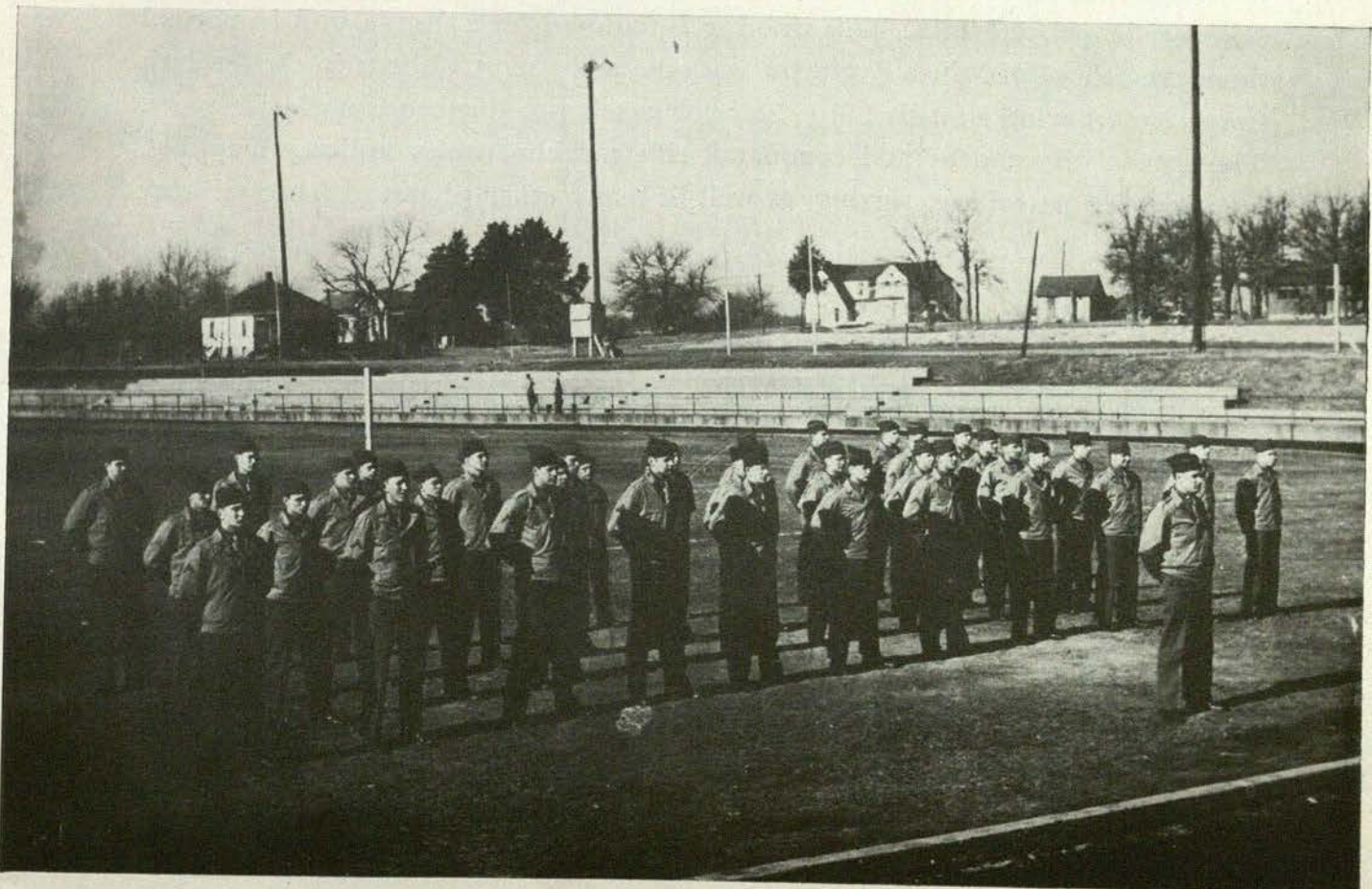
Of the members of the Enlisted Reserve Corps called to active duty June 9, 1943, thirty-three were enrolled in the first year of the Advanced Course of R.O.T.C. It was necessary that these men complete Basic Training before entering Officers' Candidate School. After successful completion of their Basic Training, these men were sent back to the School of Mines to continue academic training while awaiting openings in O. C. S. These openings came, and these men were ordered to O. C. S. at Ft. Belvoir, Virginia, March 2, 1944, to become members of the long list of Missouri School of Mines' contribution to the armed services.

Allison, G. A.  
Anton, C. P.  
Blair, E. B.  
Browning, C. M.  
Burke, G. B.  
Bush, A. J.  
Butzer, H. G.  
Chalk, J. N.  
Clayton, J. B.

Ellis, W. F.  
Frame, R. E.  
Goodwin, R. E.  
Goodwin, W. J.  
Hellwege, W. H.  
Herrmann, J. O.  
Hoelscher, J. W.  
Hoereth, W. H.  
Howard, W. E.

Kendall, J. H.  
Lyle, S. H.  
Miller, E. H.  
Moeller, L. K.  
Monte, M. N.  
Mueller, J. D.  
Nichols, B. W.  
Parkinson, W. M.

Rock, R. M.  
Rudisaile, H. J.  
Selleck, L. H.  
Steiner, R. G.  
Thorwegen, A. H.  
Walsh, F. R.  
Wegener, W. F.  
Wegener, R. H.



*Advanced Reserve Officers Training Corps*



M-1



M-2

## BASIC R. O. T. C.

Although the Advanced Course of R. O. T. C. was abolished by the War Department, the Basic Course was allowed to be continued; and at the present time is giving invaluable military training to freshmen and sophomores of the Missouri School of Mines. This training is required for a degree, and in normal times the School of Mines Regiment was one of the most efficient in the Seventh Corps Area having won the Blue Star for excellence thirteen consecutive years. The course offers: drill and command, rifle marksmanship, military mapping, scouting and patrolling, rigging, as well as many other phases of basic military engineering.



M-3



M-4





## THE STAFF

### OFFICERS

Mask, W. S. .... *Lieutenant Colonel*  
 Birch, S. B. .... *Captain*  
 Shank, J. H. .... *Captain*  
 McCutchen, G. C. .... *First Lieutenant*  
 Finn, F. M. .... *First Lieutenant*  
 McDowell, L. V. .... *First Lieutenant*

### ENLISTED MEN

Bertram, W. B. .... *Master Sergeant*  
 Alexander, T. R. .... *Technical Sergeant*  
 Kemp, K. C. .... *Staff Sergeant*  
 Piper, L. W. .... *Sergeant*  
 Jones, M. F. .... *Technical Sergeant 4/c*  
 Moore, B. J. .... *Corporal*  
 Tyler, L. E. .... *Corporal*  
 Schutt, A. J. .... *Pfc.*

# COMPANY A—A. S. T. P.



## PERSONNEL

### *First Platoon*

Ackerman, Robert M.  
Afman, William M.  
Alexander, William E. Jr.

Baker, Warren E. Jr.  
Balchunas, Victor A.  
Baron, Pete  
Baron, Richard E.  
Beal, Jacob W.

Begley, John W.  
Belanger, Irving J. Jr.  
Bergman, Donald P.  
Berry, Lloyd E. Jr.  
Bierylo, Anthony M.  
Bishop, Lawrence L. Jr.

Blue, Adrian A.  
Boss, Paul  
Branum, Cecil L.  
Byrne, Richard C.

Capper, Wayne E.  
Capps, Robert B.  
Charlevoix, Donald J.  
Civitano, Joseph  
Costello, Albert J.  
Cropp, James C.  
Curyto, Bernard J.

Davidson, Emil  
Davis, Robert F.  
De Felice, Fred  
Dowd, Martin E.  
Drake, Richard C.  
Drake, Robert E.  
Dupor, Henry A.

Ebert, Donavon R.  
Effertz, William E. Jr.  
Ehrlich, Leonard

Fazio, Joseph  
Feinstein, Edward  
Finnegan, George E.  
Frani, Joseph L.  
Freed, Frank H.

Gates, Glen R.  
Glenny, Wilmer C.  
Goldfield, Jerome

# COMPANY A—A. S. T. P.

Graf, Justin  
Gullicksen, Harold R.  
Gutshall, George F. Jr.  
Guzik, Alexander

Hanske, Theodore R.  
Harrington, Donald J.

## *Second Platoon*

Hayden, Glenn A.  
Heilman, Roman G.  
Held, Robert E.  
Helms, Robert L. Jr.  
Hilimire, Richard L.  
Hoffman Martin F.  
Holland, William D.  
Hyslop, Robert W. Jr.

Kane, Daniel F. Jr.  
King, Raymond E.  
Koffman, Milton A.  
Konwinski, Edward S. Jr.  
Kragiel, Lucian J.  
Krider, John W.  
Kubat, Eugene J.  
Kuhns, Ermal N.

Lemmen, Dallas A.  
Levine, Jacob S.  
Littlejohn, Thomas E. Jr.  
Liveten, Benjamin D.  
Luce, Mendal J.  
Lumaco, Roy A.

McDaniel, Faries J.  
Mack, Claude L. Jr.  
Macewicz, Stanley A.  
Miller, Clarence J.

Nihart, Richard W.

Pecoraro, Amalio J.  
Pollard, Thomas W.  
Preston, Bobby G.

Rekuc, Walter S.  
Revelson, Howard J.  
Ribchinsky, Louis  
Richardson, Everett V.

Sadler, Thomas

Scharhag, Herman A.  
Sheridan, Russell C.  
Smith, Charles L.  
Smith, Loren D.  
Smith, Paul V.  
Sonnekalb, Harold W.  
Spencer, Victor A.  
Straub, Joseph B. Jr.

Tatarsky, Gerald N.  
Todoroff, Theodore G.  
Tsuchida, Shinji A.  
Tuttle, Edward O.  
Valliere, Alfred R.

## *Third Platoon*

Archacki, Lucian S.  
Austin, James W.  
Bickley, Charles T.  
Blessing, George H.  
Bloch, Joseph T.  
Boyd, Audrey E.  
Brightly, Lawrence L.  
Brooks, Gerald T.  
Brown, Harry D.

Carmichael, Billy R.  
Collins, Roy W. Jr.

Daetz, Charles K.  
Deen, Duane C.  
Dennison, Henry C.  
Dorn, Thomas E.  
Dmery, Dara E.

Flatt, Millard

Gerdes, John B.  
Geuther, Grant B.  
Gill, Francis M. Jr.  
Girard, Lawrence M.  
Glickman, Perry  
Goodman, Howard P.  
Gosier, Charles J.  
Greene, Jack P.  
Gregory, Robert H.  
Gruhl, Richard F.

Heesacker, Edward J.

Jeffery, Arthur B.  
Johnson, Albert W.  
Johnson, Everett M.  
Jones, Stephen D. Jr.  
Jourdain, Louis F.

Kearns, Lawrence F.

## *Fourth Platoon*

Keedy, Chester F. Jr.  
Knecht, Donald E.  
Kost, Richard K.  
Kralick, Edward D.

Leonard, William D.  
Long, Thomas  
Loop, James P.

McGleughlin, William R.  
McMorris, John R.  
Martin, Melvin S.  
Matraw, Gordon E.  
Melone, Fred W.  
Mooney, Charles  
Morris, John B.  
Morrison, Kenneth L.  
Myers, Irven D.

Overturf, Wayne L.

Pannell, Benjamin D.  
Penfield, John W.

Raible, Joseph C.

Schilt, Bernard E.  
Schlesinger, Melvin  
Sorensen, Willard M.  
Spader, John P.  
Steinberg, Lewis  
Stoddard, Donald G.

Tucker, Farrell G.  
Turner, George C.

Weisenstein, Harold F.  
West, Devon G.  
White, Chester C.  
Wilks, John C.  
Winters, William R.

# COMPANY B—A. S. T. P.

## PERSONNEL

### *Fifth Platoon*

Allen, Jesse B.  
Autrey, Roy J.

Baker, Raymond H.  
Beck, Kenneth J.  
Beyer, Donald P.  
Blanke, Lloyd R.  
Braich, Matthew M.  
Burkett, Robert E.

Caves, Thomas E.  
Christo, Takis A.  
Cohn, Maurice L.  
Cornwell, Henry W.  
Coursey, Edward F.  
Coventry, Gordon D.

Dalpini, David  
Donaldson, Charles H.

Eaton, William R.  
Erickson, Gerald J.

Friis-Hansen, Andrew V.

Gauerke, Reinhart C.

Hansen, Owen H.  
Harroll, Richard P.  
Haight, Beryl H. Jr.  
Heath, William C.  
Henry, Kenneth A.  
Hyndman, Charles L.

Johnston, Stephen R.

Keim, Albert J.  
Kinsey, A. H.  
Kling, Robert J.  
Kohmescher, David J.

McGuire, Earl J.  
Manthey, Robert J.  
Monahan, James E.

Reichlin, Saul

Shafer, Charles L.

Van Wagoner, Oliver J.  
Verdecchia, Leo M.  
Vitanza, Joseph A.  
Von Gillern, Richmond D.

Waddington, Thomas L.  
Wade, Neal O. Jr.  
Walsh, Eugene G.  
Weaver, Martin H.  
Welch, James M.  
White, Phillip J.  
White, William L.



PLATOONS 5, 6, 7, AND 8

# COMPANY B—A. S. T. P.

Williams, Robert A.  
Winkiewicz, Victor J.  
Yates, George R.  
Zacek, Joseph C.

## *Sixth Platoon*

Ackron, Joseph E.  
Ailes, Robert J.  
Archer, Herman B.  
Azar, Mitchell  
Bagwell, Fred A.  
Bearman, Charles H.  
Brenner, George J.  
Brown, Jerrold B.  
Buening, John G.  
Bullis, Harold O.  
Caine, John J.  
Dannell, Glenn E.  
Donnelly, James J.  
Durans, Philip T.  
Evans, Rowan B.  
Gallagher, Lawrence J.  
Harrod, Herbert E.  
Heffelman, William S.  
Heinemann, Richard B.  
Hensen, Thomas H.  
Higginbotham, Clarence M.  
Houglum, Edgar J.  
Kirby, Eugene D.  
Le Maitre, George M.  
Lightfoot, Murchison D.  
Lind, Norman E.  
McDonough, John J.  
Miller, Thomas H.  
Nicola, Antonio J.  
Schapiro, Jerome J.  
Schoenberger, Morton W.  
Schuttenberg, Harry J.  
Snyder, Donald H.  
Voget, Kenneth S.  
Wilfer, Edward F.  
Winblad, Alfred E.  
Yarusites, Felix

## *Seventh Platoon*

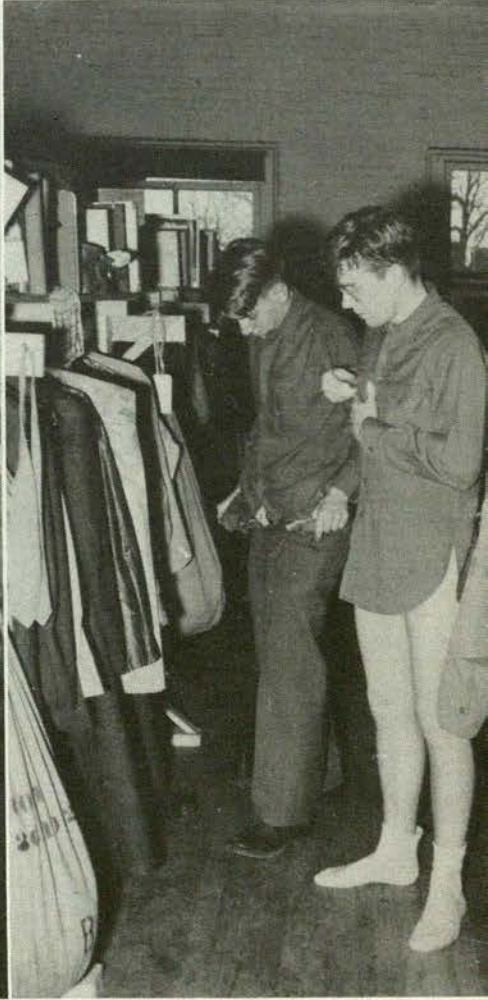
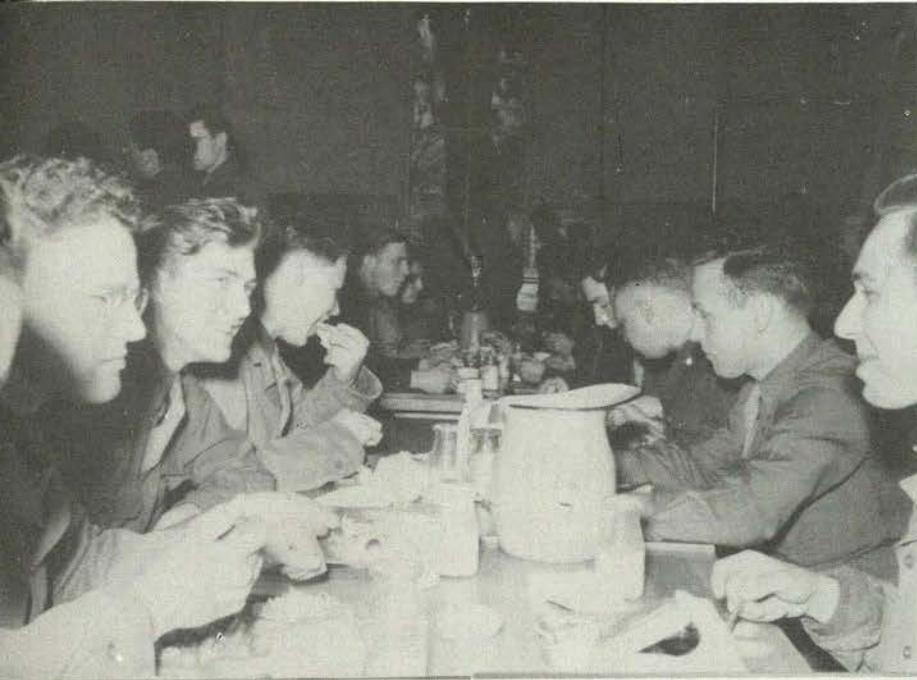
Bach, Bernard R.  
Baun, Thomas H.  
Beam, Billy E.  
Blalock, Robert H.  
Bradshaw, Charles H.  
Brandau, Frank Jr.  
Brunner, Emereth J.  
Bruyr, Jack R.  
Cogan, James H.  
Fitzgerald, Joseph W.  
Franklin, Sidney A. Jr.  
Janzen, Walter C.  
Jeselnik, Ernest G.  
Jones, Abraham  
Keast, Bernard C.  
King, Edmund J.  
Mueller, Victor A.  
Orban, Theodore A. Jr.  
Portley, William A.  
Reff, Denton J.  
Reichelt, Robert E.  
Schaeve, Donald K.  
Schild, Harvey W. Jr.  
Siebert, Oliver W.  
Skinner, John W. Jr.  
Sorenson, Robert S.  
Stanford, Ralph  
Stout, Calvin R.  
Thomas, Clair L.  
Vore, Gordon C.  
Weitzer, Eugene H.

## *Eighth Platoon*

Abel, William M.  
Beran, Victor J.  
Boddie, Charles B.  
Braden, Ralph L.  
Bunnell, John P.  
Butler, Harry  
Carpenter, Manson C.  
Carson, Homer L.  
Cirker, Leonard  
Clark, Clifford T.  
Clark, Richard B.  
Cockeram, Donald J.  
Coleman, William O.

Conley, Joseph W.  
Conyers, James B.  
Cramer, Harry C. Jr.  
Cunningham, William E.  
Dahlstrom, Roland G.  
Daniele, Aldo R.  
Daye, Charles J.  
Dean, William L.  
Deutschman, Jerome N.  
Dickson, Donald E.  
Dolphin, Mark A.  
Dorszynski, John J.  
Ellis, Don E.  
Ervin, David B.  
Finneran, Donald L.  
Gallagher, John A.  
Gore, George H.  
Hamm, Kenneth L.  
Harmon, Philip M.  
Humke, Raymond B.  
Huston, Lee E.  
Ito, Yoshimi  
Jackson, Royle O.  
Jacovatos, Nicholas V.  
Johnson, Donald F.  
Knowlson, Arthur R.  
Lang, Marcel E.  
Lee, Frank F.  
Morford, Courtney W.  
Olsen, George M.  
Oppen, Allan M.  
Osburn, Charles  
Peterson, Fred W.  
Piper, Ervin L.  
Protzmann, Donald E.  
Rosauer, John A.  
Saxon, William R.  
Seitzer, James D.  
Senowitz, Morris  
Sullivan, William L.  
Susac, Andrew N.  
Swinehart, John R.  
Totman, Frederic L.  
Travers, George C.  
Weathersbee, Ely J.  
Webster, Glen M. Jr.  
Wong, James H.  
Wood, David P.





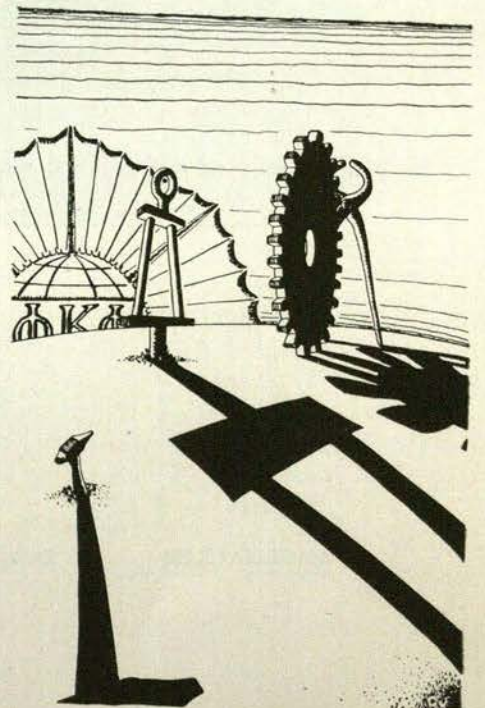






# Societies

*Wits are sharpened and personalities are molded by friendships and associations made through campus organizations.*



# PHI KAPPA PHI

Phi Kappa Phi, national honor society, installed its chapter on M.S.M. campus in 1920. During its twenty-three years of activity on the campus it has been recognized as the outstanding honor society at M.S.M.

Membership is limited to the upper ten per cent of the graduating class and those graduate students whose scholarship merits award. Character and service are also attributes which are stressed when electing members.

At the beginning of each year the society awards a bookplate bearing the society's seal to each member of the upper fifteen per cent of each class.

## STUDENT MEMBERS

J. W. Brodhacker  
 J. D. Dowd  
 E. C. Goetemann  
 W. A. Hubbard  
 W. L. Larson  
 J. R. Miller  
 D. J. Stocker  
 A. W. Thiele



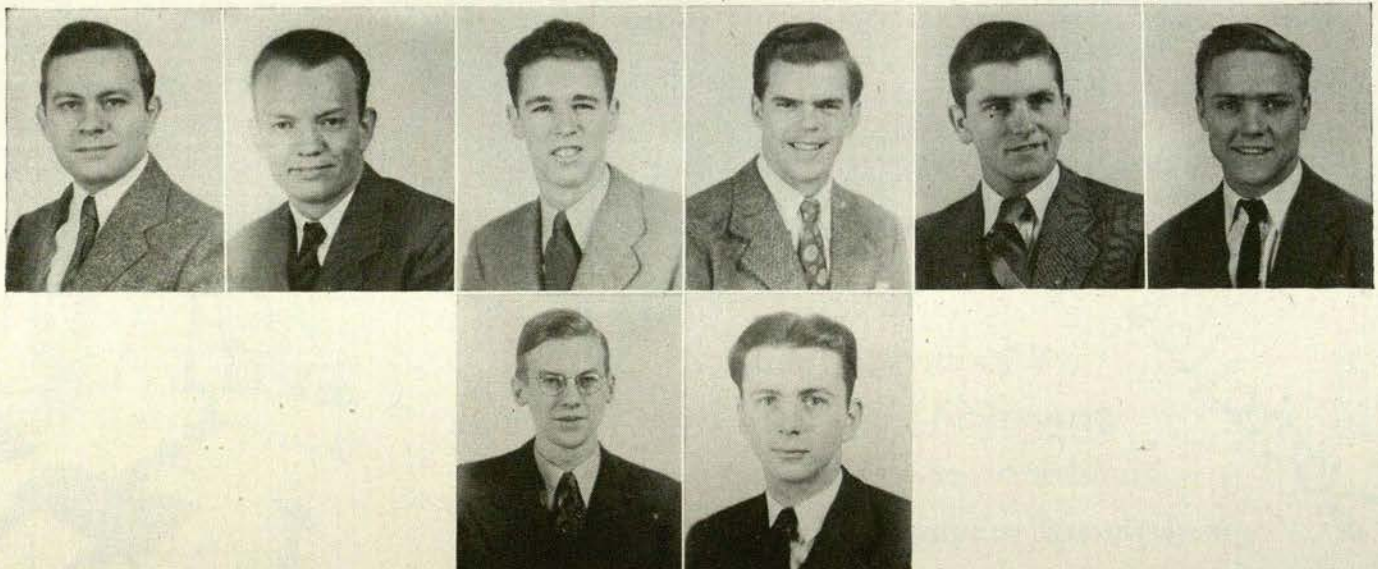
F. H. Frame  
 O. R. Grawe  
 H. R. Hanley  
 O. A. Henning  
 W. J. Jensen  
 K. K. Kershner  
 C. V. Mann  
 A. J. Miles  
 G. A. Muilenberg  
 R. M. Rankin  
 W. T. Schrenk  
 R. Z. Williams  
 J. M. Wilson  
 L. E. Woodman

## FACULTY MEMBERS

W. C. Alsmeyer  
 J. B. Butler  
 E. C. Carlton  
 M. H. Cagg  
 C. Y. Clayton  
 T. G. Day

## OFFICERS

*President* ..... D. F. Boltz  
*Vice-President* ..... R. C. Seibel  
*Secretary-Treasurer* ..... M. H. Cagg  
*Journal Correspondent* ..... W. J. Jensen



BRODHACKER

DOWD

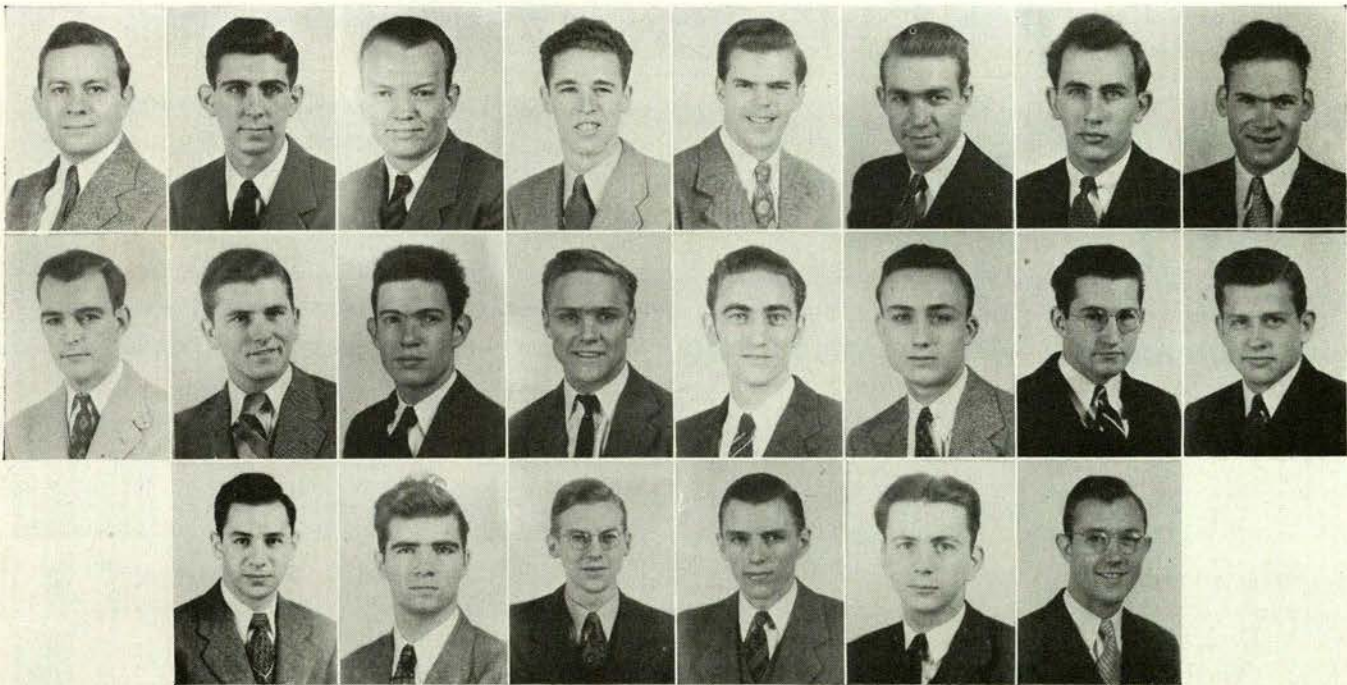
GOETEMANN  
 STOCKER

HUBBARD  
 THIELE

LARSON

MILLER

# TAU BETA PI



BRODHACKER	DICK	DOWD	GOETEMANN	HUBBARD	HICKS	HOFFMAN	JENKINS
KINDER	LARSON	MATEER	MILLER	NELSON	RUST	SCHMITZ	SCOTT
	SIMONS	STALEY	STOCKER	SUMMERS	THIELE	VAN OS	

Tau Beta Pi was founded at Lehigh University in 1885. The Beta Chapter of Missouri was founded at M.S.M. in December, 1906. Since that time it has risen to become the highest ranking honorary engineering fraternity on the campus.

The purpose of the fraternity is best stated in this preamble: "To mark in a fitting manner those who have conferred honor upon their Alma Mater by distinguished scholarship and exemplary character as undergraduates or by their attainments as alumni; and to foster a spirit of liberal culture in the Engineering schools of America."

## STUDENT MEMBERS

J. W. Brodhacker  
 J. D. Dowd  
 W. A. Hubbard  
 E. C. Goetemann  
 I. P. Kinder  
 W. L. Larson  
 R. S. Mateer  
 J. R. Miller  
 F. S. Nelson  
 V. J. Pingel  
 F. W. Schmitz  
 G. L. Staley  
 D. H. Steininger  
 D. J. Stocker  
 C. A. Dick  
 W. D. Hicks  
 A. Hoffman  
 J. E. Jenkins



## OFFICERS

<i>President</i> .....	W. A. Hubbard
<i>Vice-President</i> .....	V. J. Pingel
<i>Secretary</i> .....	J. D. Dowd
<i>Treasurer</i> .....	Prof. D. F. Walsh
<i>Cataloger</i> .....	Prof. W. C. Alsmeyer

## ADVISORY BOARD

R. Z. Williams	G. A. Muilenberg
R. M. Rankin	J. S. Johnson

H. R. Rust  
 H. S. Scott  
 S. L. Simons  
 A. W. Thiele  
 J. H. Van Os

## HONORARY MEMBER

Jean M. Lloyd

## FACULTY MEMBERS

C. Y. Clayton  
 H. R. Hanley  
 K. K. Kershner  
 C. V. Mann  
 A. J. Miles  
 G. A. Muilenberg  
 R. M. Rankin  
 D. F. Walsh  
 R. Z. Williams  
 C. T. A. Johnk

# BLUE KEY

Blue Key is a national honorary, non-social fraternity. Its primary purpose is service, in any way possible, to the school.

Members of Blue Key are chosen from the upper fourth of their class and must have indications toward leadership and be active in events on the campus. Candidates for pledging are judged upon personality, character, good fellowship, and willingness to serve the school.

This year the chapter has been very active and has provided many service achievements. Some of them are the compilation and publication of a Student Directory, the operation and maintenance of the scoreboard for basketball games, a smoker for the Freshmen, ushering facilities at school affairs, awarding of shingles to the upper ten per cent of the Freshman class, and publication of the 1944 "Rollamo."

## STUDENT MEMBERS

- C. A. Dick
- J. D. Dowd
- E. C. Goetemann
- W. A. Hubbard
- J. R. Miller
- H. S. Scott
- J. H. Van Os
- J. W. Brodhacker
- C. E. Finley
- R. W. Jamison
- R. J. Kick



- R. S. Mateer
- H. R. Rust
- M. Sievert
- S. L. Simons
- D. J. Stocker
- H. F. Webers

## OFFICERS

- President* ..... H. S. Scott
- Vice-President* ..... J. D. Dowd
- Secretary-Treasurer* ..... J. H. Van Os
- Corresponding Secretary* ..... C. A. Dick

## FACULTY MEMBERS

- Prof. W. C. Alsmeyer
- Prof. F. E. Dennie
- Mr. Noel Hubbard
- Capt. Shanks



BRODHACKER	DICK	DOWD	FINLEY	GOETEMANN	GOODWIN	HUBBARD
JAMISON	JENKINS	KICK	MATEER	MILLER	RUST	SCOTT
	SIEVERT	SIMONS	STOCKER	VAN OS	WEBERS	

# ALPHA CHI SIGMA



BANKS BRODHACKER DENISON DRAGOSET GRASS HEINICK HOERETH HUBBARD JENKINS, J. D.  
 KASTEN KINDER MAGILL MILLER MUELLER ROOS RUDERT RUST SCHMITZ  
 SCHOFRO SCOTT SHANK SHEPPARD SJOBERG SPARKS THIELE WICKER YODER

The Beta Delta Chapter of Alpha Chi Sigma, Professional Chemical fraternity, was established on this campus in 1936. The national organization was founded in 1902 at the University of Wisconsin and at the present time there are forty-six active collegiate chapters, seventeen professional chapters and nine professional groups.

Through the efforts of the chapter a true and lasting friendship is attained among its members. The chapter also strives for the advancement of chemistry both as a science and a profession.

The fraternity sponsors an annual Alpha Chi Sigma Dance, a safety program throughout the Chemical Building, a chapter publication, "The Beta Delta Data," and a Chemical Magic Show for Parents' Day.

## MEMBERS

R. R. Denison  
 W. H. Dragoset  
 L. W. Grass  
 R. L. Heineck  
 W. A. Hubbard  
 J. D. Jenkins  
 I. P. Kinder  
 K. E. Rudert  
 H. R. Rust  
 F. O. Schofro  
 E. M. Shank  
 J. D. Sheppard  
 J. W. Sjoberg  
 A. W. Thiele  
 W. Hoereth  
 J. Mueller



## OFFICERS

*Master Alchemist* ..... Dave Wicker  
*Vice-Master Alchemist* ..... Harry Scott  
*Treasurer* ..... John Brodhacker  
*Recorder* ..... Jim Miller  
*Reporter* ..... Bob Roos  
*Master of Ceremonies* ..... Charles Sparks  
*Historian* ..... Fred Schmitz

## PLEDGES

R. L. Banks  
 J. V. Graves  
 D. H. Hessling  
 G. M. Jost  
 P. R. Kasten  
 J. M. McKelvey  
 W. H. Magill  
 R. L. Schmitz  
 G. W. Walpert  
 C. B. Yoder

## FACULTY MEMBERS

Dr. W. T. Schrenk  
 Dr. T. Day  
 Prof. P. Delano  
 Prof. M. Livingood

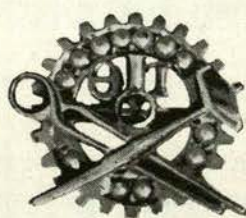
# THETA TAU

Theta Tau is a professional engineering fraternity whose first chapter was founded at the University of Minnesota, October 15, 1904. The eighth chapter, the Iota Chapter of the Missouri School of Mines, was established here on February 5, 1916.

Membership in Theta Tau is not based altogether on high scholastic standing; its members are selected from those students who have the most promising engineering ability in general. The purpose of the organization is to stimulate a high standard of professional interest and ethics among its members. The rituals and ceremonies of the meetings are in themselves symbolic of this purpose.

## MEMBERS

G. A. Allison  
 H. Butzer  
 A. R. Crosby  
 C. A. Dick  
 J. D. Dowd  
 C. E. Finley  
 R. E. Frame  
 R. E. Goodwin  
 W. J. Goodwin  
 L. A. Hartcorn  
 W. D. Hicks  
 R. W. Jamison  
 J. E. Jenkins  
 O. M. Sievert



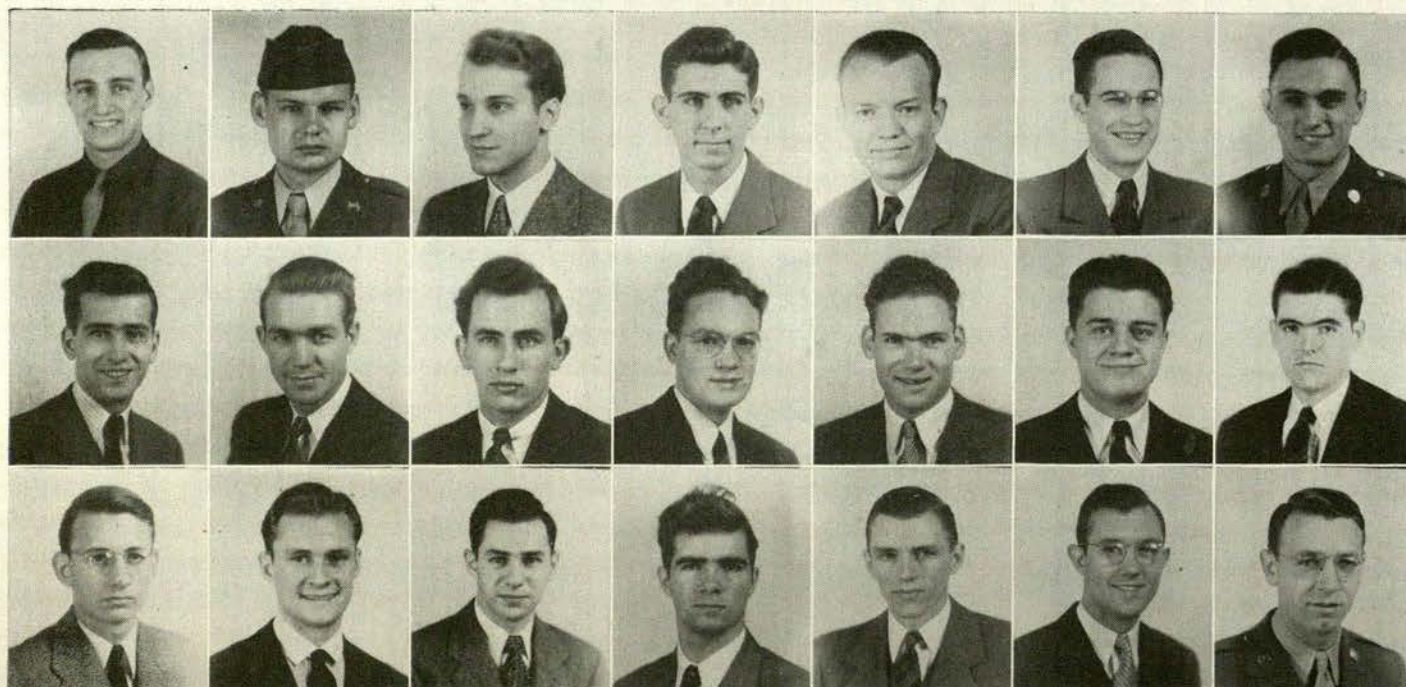
## OFFICERS

*Regent* ..... J. H. Van Os  
*Vice-Regent* ..... C. A. Dick  
*Scribe* ..... J. D. Dowd  
*Treasurer* ..... O. M. Sievert  
*Marshall* ..... J. H. Boetjer  
*Inner Guard* ..... G. D. Jett  
*Outer Guard* ..... W. D. Hicks  
*Corresponding Secretary* ... R. W. Jamison

S. L. Simons  
 J. H. Van Os  
 K. N. Wygant

## PLEDGES

E. Chestnut  
 A. Hoffman  
 E. J. Massard  
 R. D. Moeller  
 L. A. Morgan  
 A. P. Ploesser  
 J. A. Scheineman  
 G. L. Staley  
 R. F. Summers  
 R. J. Yochum



ALLISON	BUTZER	CROSBY	DICK	DOWD	FINLEY	GOODWIN
HARTCORN	HICKS	HOFFMAN	JAMISON	JENKINS	MASSARD	MORGAN
PLOESSER	SIEVERT	SIMONS	STALEY	SUMMERS	VAN OS	WYGANT

# ALPHA PHI OMEGA



Beta Omicron Chapter of Alpha Phi Omega was founded on the M.S.M. Campus in the spring of 1939. The membership is limited to students who have at some time been associated with the Boy Scouts of America. The fraternity's aims are to promote service and to live in the fellowship of the Scout Oath and Law.

The organization extends to the campuses of ninety-nine colleges and universities.

The services of the local chapter include: maintenance of a student book exchange, assisting the local Boy Scout Troops, a finger-printing program, providing a guide service for Parents' Day, and decorating the gymnasium for Commencement Exercises.

## MEMBERS

R. L. Barmeier  
 W. J. Barnett  
 G. E. Dean  
 B. W. Duffner  
 K. K. Ikeuye  
 R. W. Jamison  
 E. J. Massard  
 R. N. Roley  
 W. J. Thomas  
 E. J. Waltenspiel

## OFFICERS

*President* ..... William Thomas  
*Secretary* ..... Robert Jamison  
*Treasurer* ..... Ed Waltenspiel  
*Historian* ..... Ray Ikeuye  
*Alumni Secretary* ..... Glen Dean  
*Chaplain* ..... Ernest Massard

## HONORARY MEMBER

Dean Curtis L. Wilson

## FACULTY ADVISERS

C. H. Black  
 F. C. Dennie  
 C. E. Boyd  
 S. P. Ellison  
 B. Guest  
 K. K. Kershner



OFFICERS

*President* ..... J. D. Dowd  
*Vice-President* ..... P. E. Des Jardins  
*Secretary* ..... S. L. Simons  
*Treasurer* ..... R. E. Wampler

This organization holds monthly meetings, where talks are given by students themselves as well as by men prominent in this type of engineering. Through the medium of these talks, informal discussions and through the monthly journal published by the Institute, important and valuable information is brought to the attention of the student members. It thus enables the students of the mining and metallurgy departments of the school to discuss the current problems confronting their fields more intelligently.

**AMERICAN  
 INSTITUTE  
 OF  
 MINING  
 AND  
 METALLURGICAL  
 ENGINEERS**

MEMBERS

R. J. Arana	J. D. Dowd
W. J. Barnett	J. D. Elam
S. G. Bendorf	J. E. Jenkins
C. M. Browning	W. L. Larson
J. Bush	J. J. Northcutt
B. E. Buterbaugh	A. Olivares
R. L. Carmichael	S. L. Simons
A. R. Crosby	<u>K. Uyetake</u>
A. E. Copeland	R. E. Wampler
P. E. Des Jardins	



MEMBERS

- |                       |                  |
|-----------------------|------------------|
| R. L. Banks           | S. J. Pagano     |
| J. H. Billy           | J. G. Reilly     |
| T. D. Blount          | R. W. Roos       |
| W. L. Break           | H. R. Rust       |
| J. W. Brodhacker      | H. F. Schalk     |
| G. G. Coulter         | F. W. Schmitz    |
| M. L. Custis          | H. E. Schmoldt   |
| Prof. P. Delano       | H. S. Scott      |
| R. L. Heinick         | E. M. Shank      |
| D. H. Hessling        | Dr. R. Smith     |
| W. A. Hubbard         | C. H. Sparks     |
| G. M. Jost            | D. J. Stocker    |
| P. R. Kasten          | A. W. Thiele     |
| I. P. Kinder          | G. M. Walpert    |
| H. G. Landy           | W. E. Weber      |
| Prof. M. D. Livingood | D. A. Wicker     |
| R. T. Lohman          | C. B. Yoder      |
| W. J. Meifert         | A.S.T.P. MEMBERS |
| J. R. Miller          | J. W. Stepansky  |
| R. E. Murray          | G. S. Woodard    |

AMERICAN  
INSTITUTE  
OF  
CHEMICAL  
ENGINEERS

OFFICERS

- |                             |               |
|-----------------------------|---------------|
| <i>President</i> .....      | D. J. Stocker |
| <i>Vice-President</i> ..... | E. M. Shank   |
| <i>Secretary</i> .....      | F. W. Schmitz |
| <i>Treasurer</i> .....      | C. H. Sparks  |

The purpose of the American Institute of Chemical Engineers, formerly the Ira Remsen Society until 1939, is to band more closely together the student members of this profession and to stimulate interest in the field of Chemical Engineering. This is made possible by holding meetings twice each month, at which the student members themselves may relate actual experiences encountered during summer employment. Occasionally, prominent engineers are invited to address the society.

In this way the student members are able to combine the theoretical as well as the practical side of their engineering field.





OFFICERS

- President* ..... E. J. Waltenspiel  
*Vice-President* ..... A. W. Presnell  
*Secretary* ..... E. A. Weinel  
*Treasurer* ..... R. W. Mellis

The American Society of Civil Engineers has been on the campus of the Missouri School of Mines for twenty-one years, being organized in 1923 by the Junior and Senior Civil Engineering Students with the aid of Professor J. B. Butler.

The local chapter is a chartered member of the national organization which is the oldest engineering society in America. One of the interesting and beneficial phases of the society is the lectures and reports on engineering conditions and problems given by prominent engineers.

MEMBERS

- |                   |                     |
|-------------------|---------------------|
| R. L. Barmeier    | E. A. Weinel        |
| E. W. Belew       | R. T. White         |
| G. E. Henry       | FACULTY ADVISERS    |
| J. E. Little      | Prof. J. B. Butler  |
| R. W. Mellis      | Prof. E. W. Carlton |
| H. G. Moe         | FACULTY MEMBERS     |
| A. W. Presnell    | E. W. Carlton       |
| J. Russo          | J. B. Butler        |
| K. W. Schoeneberg | W. C. Alsmeyer      |
| E. J. Waltenspiel |                     |

**AMERICAN  
 SOCIETY  
 OF  
 CIVIL  
 ENGINEERS**

MEMBERS

- |                |                       |
|----------------|-----------------------|
| E. K. Allen    | L. J. Jamboretz       |
| G. W. Allen    | J. L. Krall           |
| G. E. Barber   | D. G. LePere          |
| H. D. Barnhart | J. A. Liley           |
| H. S. Block    | A. W. Lindberg        |
| E. Chestnut    | J. M. Lloyd           |
| D. H. Collar   | T. D. Maintz          |
| J. W. Copening | O. Milton             |
| G. A. Davidson | R. E. Murphy          |
| F. H. Drewing  | <del>J. Y. Nomi</del> |
| C. W. Duke     | R. E. Nuelle          |
| R. E. Emo      | R. E. Pautler         |
| C. E. Finley   | J. R. Riggs           |
| R. E. Gogan    | G. L. Ronat           |
| A. G. Goodhue  | J. A. Smith           |
| J. R. Hansen   | B. Sparlin            |
| R. W. Harlow   | J. Stadlhofer         |
| W. P. Henne    | R. L. Trogdon         |
| T. P. Hentshel | J. H. Van Os          |
| A. S. Itterman | K. Wygant             |
| R. W. Jamison  | J. E. Wylie           |

AMERICAN  
INSTITUTE  
OF  
ELECTRICAL  
ENGINEERS

OFFICERS

- |                            |                   |
|----------------------------|-------------------|
| <i>Counselor</i> .....     | Dr. J. S. Johnson |
| <i>Chairman</i> .....      | G. E. Barber      |
| <i>Vice-Chairman</i> ..... | H. D. Barnhart    |
| <i>Secretary</i> .....     | R. E. Gogan       |
| <i>Treasurer</i> .....     | T. D. Maintz      |

In order to give the students a chance to discuss the current problems confronting the Electrical Engineering field, the American Institute of Electrical Engineers was established on this campus.

Reports given by professional men as well as students themselves are invaluable to the students in that they learn something about the practical application of their electrical engineering knowledge. The society helps the student to familiarize himself with the parliamentary procedure and organization of learned societies.





OFFICERS

- President* ..... R. O. Dietz  
*Vice-President* ..... H. F. Webers  
*Secretary* ..... E. J. Massard  
*Treasurer* ..... J. C. Forbes.

The American Society of Mechanical Engineers has been on the campus of M.S.M. since the spring of 1930. It was organized by Dr. Aaron J. Miles.

The principal objects of this student branch are to add to the student's acquaintance the practical side of Mechanical Engineering; to keep in touch with engineering progress; and to help the student meet men who are engaged in the actual practice of engineering. Students are also offered the opportunity for self-expression on technical topics by the presentation of formal reports, both written and oral.

MEMBERS

- |                  |                  |
|------------------|------------------|
| D. Brand         | D. C. Guilfooy   |
| L. F. Bridge     | D. H. Koch       |
| F. H. Canning    | L. R. McClary    |
| R. O. Dietz      | E. J. Massard    |
| J. W. Domian     | T. J. Mazzone    |
| G. A. Feyerabend | F. S. Nelson     |
| J. C. Forbes     | S. Orlofsky      |
| T. B. Gettys     | D. H. Steininger |
| J. D. Gostin     | W. J. Thomas     |
| D. A. Greco      | H. F. Webers     |

**AMERICAN  
 SOCIETY  
 OF  
 MECHANICAL  
 ENGINEERS**

MEMBERS

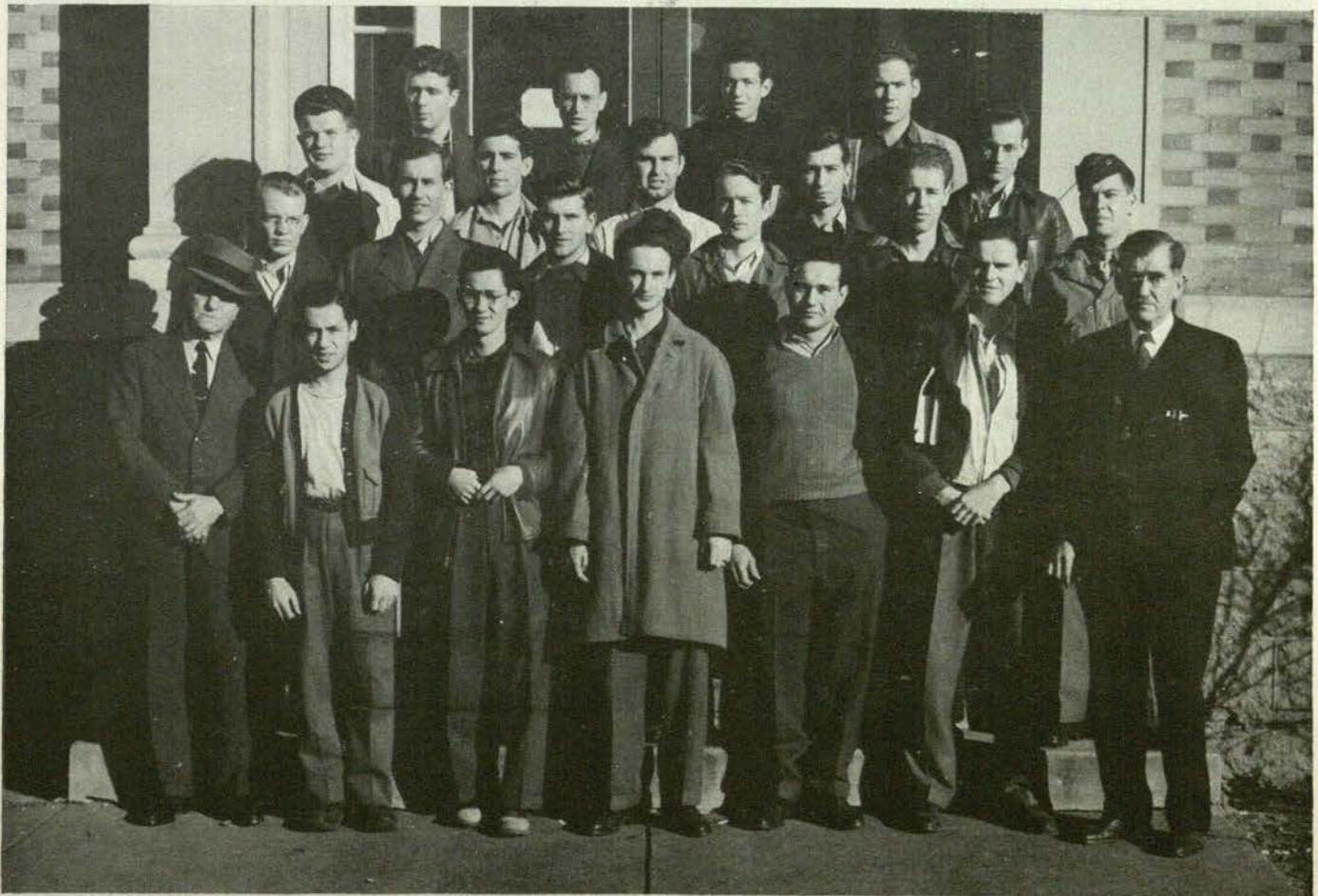
- |               |                  |
|---------------|------------------|
| R. R. Denison | A. J. Fuchs      |
| J. D. Dowd    | H. J. Gilliland  |
| W. L. Larson  | W. Goodwin       |
| A. R. Savu    | L. A. Hartcorn   |
| E. M. Schultz | R. H. Heidenrich |
| S. L. Simons  | K. D. Kozeni     |
| R. J. Adamo   | R. S. Mateer     |
| W. J. Barnett | E. P. Patterson  |
| P. M. Dampf   | V. J. Pingel     |
| D. W. Frommer | R. S. Westwater  |

AMERICAN  
SOCIETY  
FOR  
METALS

OFFICERS

- |                             |                     |
|-----------------------------|---------------------|
| <i>President</i> .....      | E. C. Goetemann     |
| <i>Vice-President</i> ..... | C. A. Dick          |
| <i>Secretary</i> .....      | W. L. Larson        |
| <i>Treasurer</i> .....      | Prof. C. Y. Clayton |

The M.S.M. Chapter of the American Society for Metals was organized as a student chapter of this National Society and was established in October, 1937. The national organization is composed of sixty chapters with a total membership of more than 16,000 members. Membership in student chapters is open to junior and senior students in metallurgy, and national membership is open to graduates who become directly connected with the metal industry. The aim of the A.S.M. is to promote the arts and sciences connected with the manufacture and the treatment of metals, and thereby aid in the advancement of metal industry.



# GLEE CLUB

## OFFICERS

*President* ..... Warren L. Larson  
*Vice-President* ..... Ed. Blase  
*Pianist* ..... Amy Goodhue

The Glee Club is one of the few musical organizations on the campus, being composed of those students, both Army and civilian, with talent in vocal music. The public performances which were given by the Glee Club have included numbers at the Baccalaureate exercises and at Assembly Programs.

Since January 1943 D. H. Erkiletian, a faculty member in the mathematics department, has capably directed the Glee Club, and the performances have been enjoyed enthusiastically by the audiences.

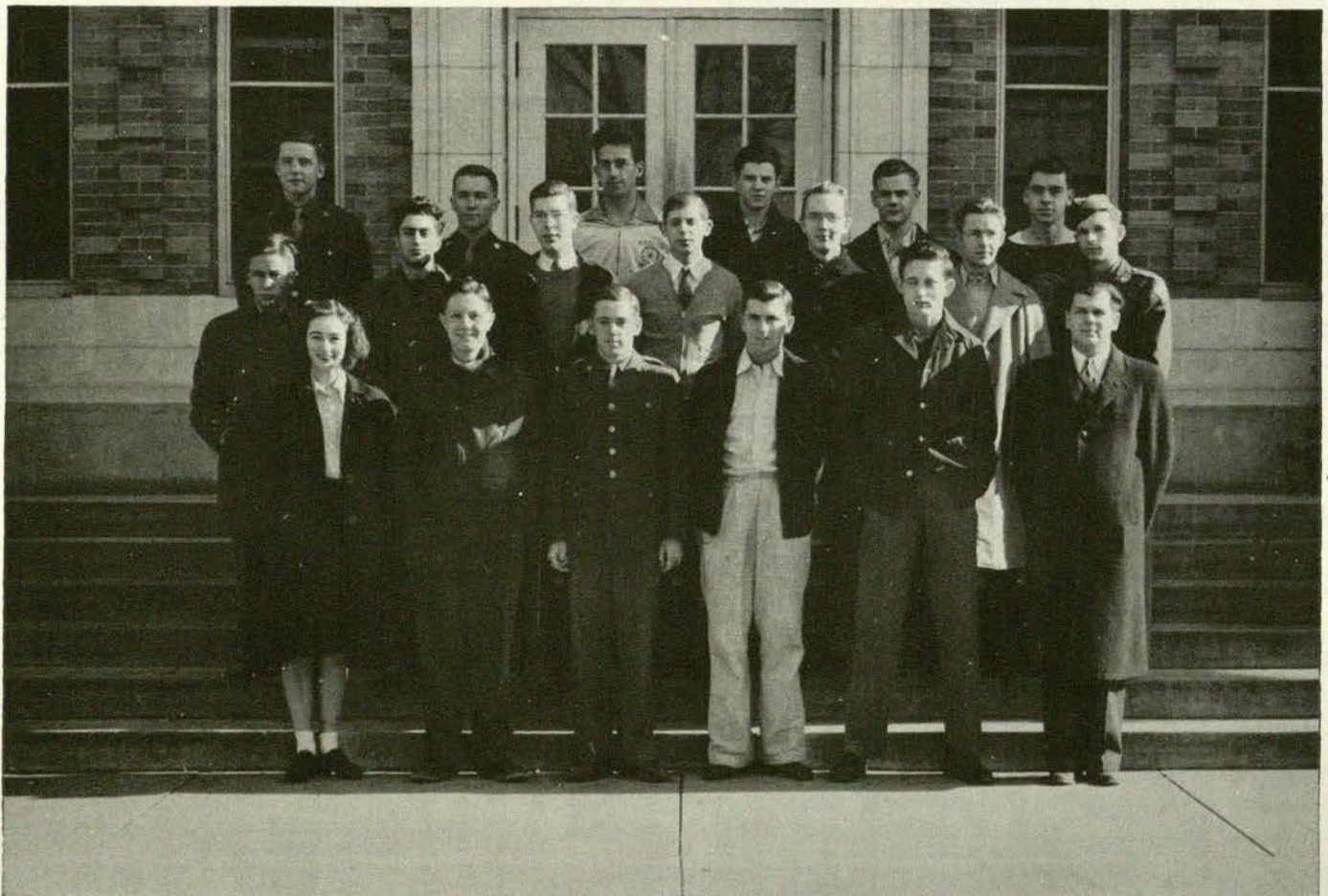
## MEMBERS

E. K. Allen  
 G. W. Allen  
 R. Buel  
 J. H. Cox  
 M. Cramer  
 T. Devine  
 W. Ellerman  
 J. Feltman

L. Fields  
 P. Gebhardt  
 D. Hessling  
 W. Larson  
 W. Parish  
 K. Poll  
 M. Portmann

G. Ronat  
 W. Stoecker  
 A.S.T. STUDENTS  
 W. Alexander, Jr.  
 R. Autrey  
 R. Ewing  
 R. Hanske

J. Kennedy  
 G. Hayden  
 E. Kubat  
 G. LeMaitre  
 F. McDaniel  
 H. Revelson  
 W. Samples  
 W. Stepansky



# THE ORCHESTRA



## MEMBERS

Dick Mateer, *Mgr. and trombone*

Thurston Blount, *trombone*

Bob Hackman, *trumpet*

Joe Jenkins, *alto sax*

Bill Hubbard, *tenor sax*

Bill Shivelbine, *alto*

Joe Sheppard, *tenor*

Don Ruff, *piano*

Al Fuchs, *string bass*

Vernon Johnson, *drums*

Denton Reff, *guitar*

This organization started as the "Musical Miners" led by Bob Balin and Dick Mateer, way back in 1940. It rapidly changed from a classical group to a dance band as new men were added. Although composed of students, its early career was not connected with school activities. Since, however, it has become more and more a campus organization, playing regularly at the school and fraternity dances.

As with all things, the war has caused drastic changes in the band. Many of the men have been taken into the armed services from time to time. These lads are Rowe Powell, Jimmy Albritten, Jerry Kratz, George Meyer, Eric Casey, Hank Seidel, Walt George, Botts and A. T. Dunham, nearly a complete band in themselves, and some are now playing together at Iowa State.

# STUDENT COUNCIL



## OFFICERS

*President* ..... M. Sievert  
*Vice-President* ..... R. J. Kick  
*Secretary-Treasurer* ..... P. E. Des Jardins

<i>Organization</i>	<i>Members</i>	<i>Alternates</i>
<i>Pi Kappa Alpha</i> .....	L. A. Hartcorn	H. F. Schalk
<i>Kappa Sigma</i> .....	A. J. Fuchs	R. A. Crosby
<i>Sigma Nu</i> .....	J. D. Sheppard	E. Moniak
<i>Sigma Pi</i> .....	R. N. Roley	T. P. Hentchel
<i>Triangle</i> .....	A. W. Presnell	R. E. Emo
<i>Lambda Chi Alpha</i> .....	R. J. Kick	R. W. Jamison
<i>Theta Kappa Phi</i> .....	P. E. Des Jardins	P. Dampf
<i>Independents</i> .....	M. Sievert	
<i>Independents</i> .....	J. L. Krall	
<i>Independents</i> .....	R. E. Pautler	
<i>Independents</i> .....	H. R. Rust	} H. J. Gilliland
<i>Independents</i> .....	J. H. Van Os	
<i>Independents</i> .....	K. K. Ikeuye	
<i>Independents</i> .....	F. S. Nelson	

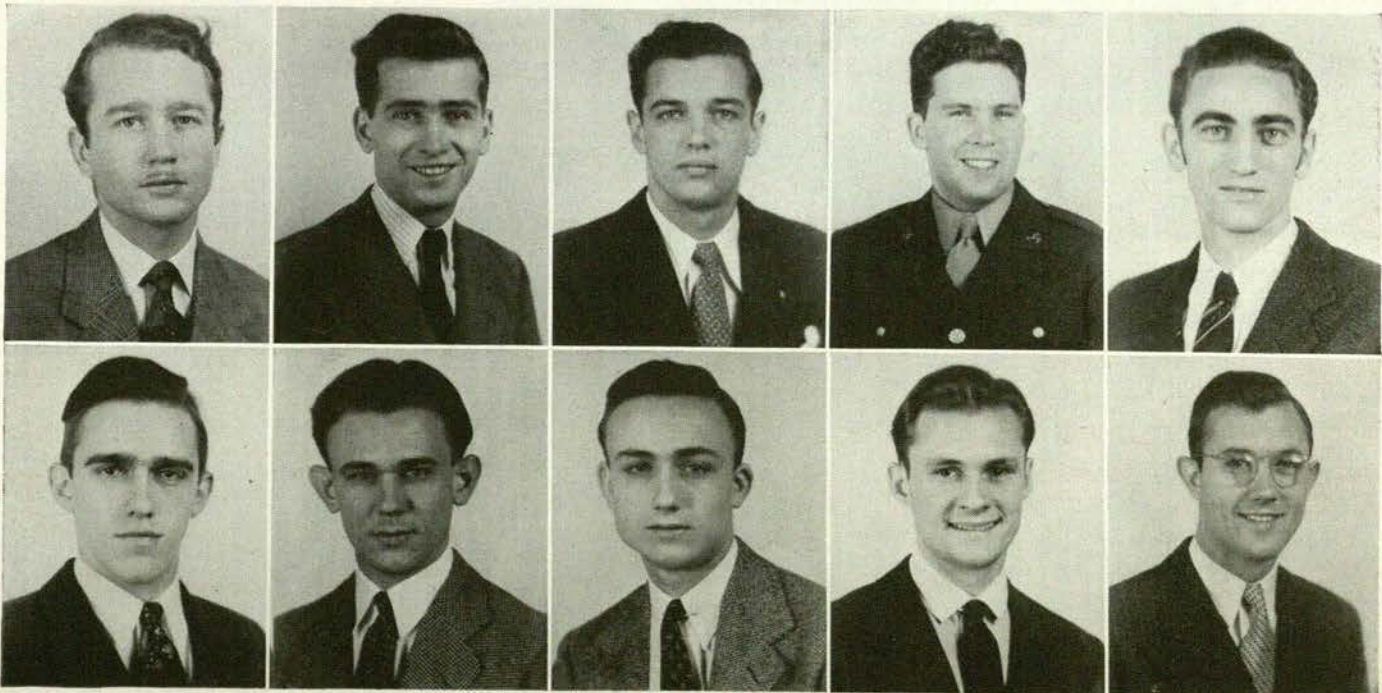


# THE GOVERNING BODY

The Student Council was founded here in 1937, and has been functioning ever since that time. The Council consists of fifteen students. There are eight representatives from the Independents and one representative from each of the seven remaining social fraternities.

The Student Council at the Missouri School of Mines is an organization whose purpose is to maintain an efficient and just form of student government through its mutual relationship with the student body and faculty.

As a means to maintaining a student government, the Council appoints the Rollamo and Miner Board of Control, St. Pat's Board of Control, Dance Date Committee, and the General Lectures Committee. These committees exercise supervisory control over their respective activities.



FUCHS  
PAUTLER

HARTCORN  
PRESNELL

KICK  
RUST

KRALL  
SIEVERT

NELSON  
VAN OS

# INTERFRATERNITY COUNCIL

## OFFICERS

<i>President</i> .....	H. F. Webers
<i>Vice-President</i> .....	R. W. Mellis
<i>Secretary</i> .....	P. A. Tucker
<i>Treasurer</i> .....	J. W. Wilson

## MEMBERS

<i>Fraternity</i>	<i>Seniors</i>	<i>Juniors</i>
Triangle .....	H. F. Webers	J. A. Smith
Sigma Nu .....	P. A. Tucker	E. A. Milz
Lambda Chi Alpha .....	R. W. Mellis	A. K. Allen
Sigma Pi .....	W. L. Shivelbine	T. P. Hentchel
Theta Kappa Phi .....	W. H. Barnett	L. H. Markway
Pi Kappa Alpha .....	J. M. McKelvey	R. V. Gevecker
Kappa Sigma .....	J. W. Wilson	R. E. Hackman

The Interfraternity Council is composed of a fair and equal representation from each of the social Fraternal organizations on the campus of the Missouri School of Mines. Each fraternity elects a senior and junior representative to this council.

This organization awards the Interfraternity Scholarship Cup, the Interfraternity Sing plaque, the Fraternity Man of the Year plaque, and promotes other competitive spirit among the fraternities.

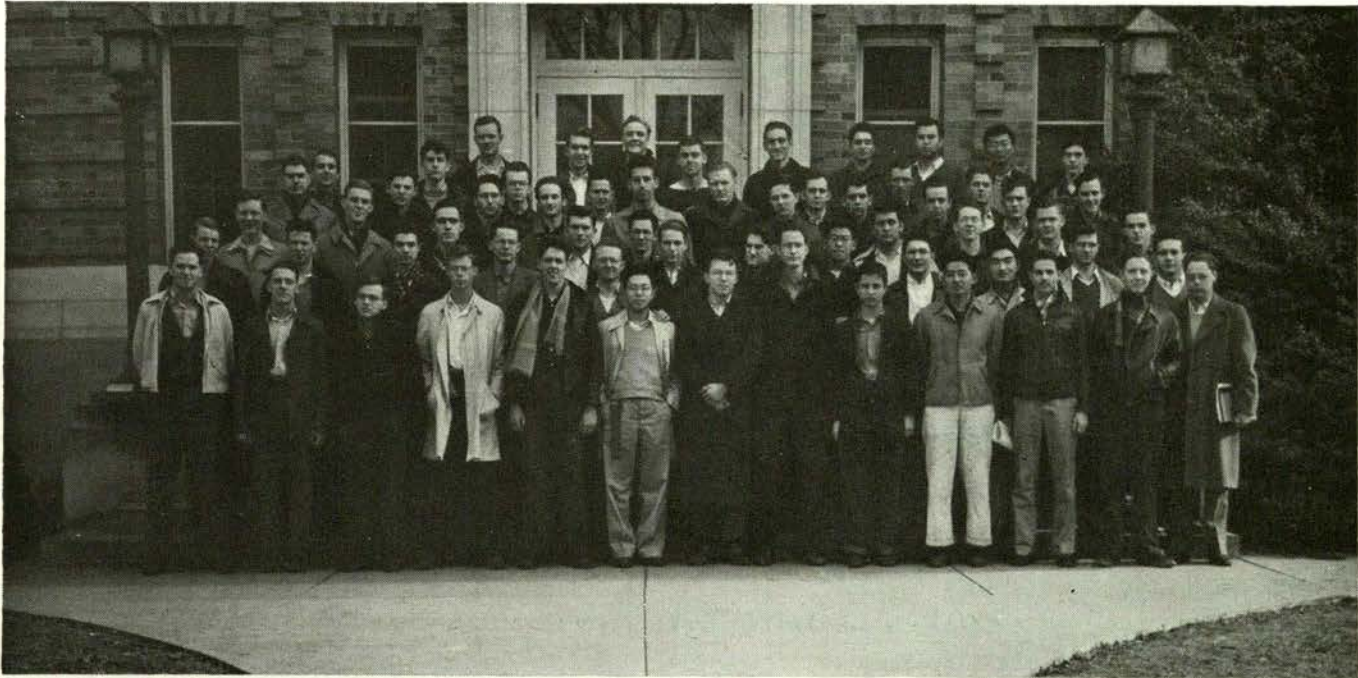


BARNETT  
THOMAS

MELLIS  
TUCKER

SHIVELBINE  
WEBERS

SMITH  
WILSON



# INDEPENDENTS

## OFFICERS

*President* ..... Morris Sievert  
*Vice-President* ..... John Brodhacker  
*Secretary-Treasurer* ..... John Van Os

## BOARD OF CONTROL

<i>Juniors</i>	<i>Sophomores</i>	<i>Freshmen</i>
Allen, G. W.	Ikeuye, K.	Crites, J.
Gilliland, H. J.	Juergens, R. J.	Vogt, J.

In 1935 the non-fraternity men on the Missouri School of Mines campus organized "The Independents." The object of this organization, as outlined in its constitution, is to organize the non-fraternity men so they can better participate in the various athletic, social, and other activities on this campus. The organization was designed to meet the needs of that large group of men who would have no other means of participation in campus activities.

All students who are not members of social fraternities on the Missouri School of Mines campus are eligible for membership, and will become active members upon the payment of their annual dues. The Independents sponsor two dances each year, given at the school gymnasium, to which all students are invited. Its members are actively engaged in all the various intramural sports and social activities.



OFFICERS

<i>President</i> .....	Francis Nelson
<i>Business Manager</i> .....	John Northcutt
<i>Board of Control</i> .....	Ray Juergens
	Kay Ikeuye
	George Allen
	Richard Piasecke

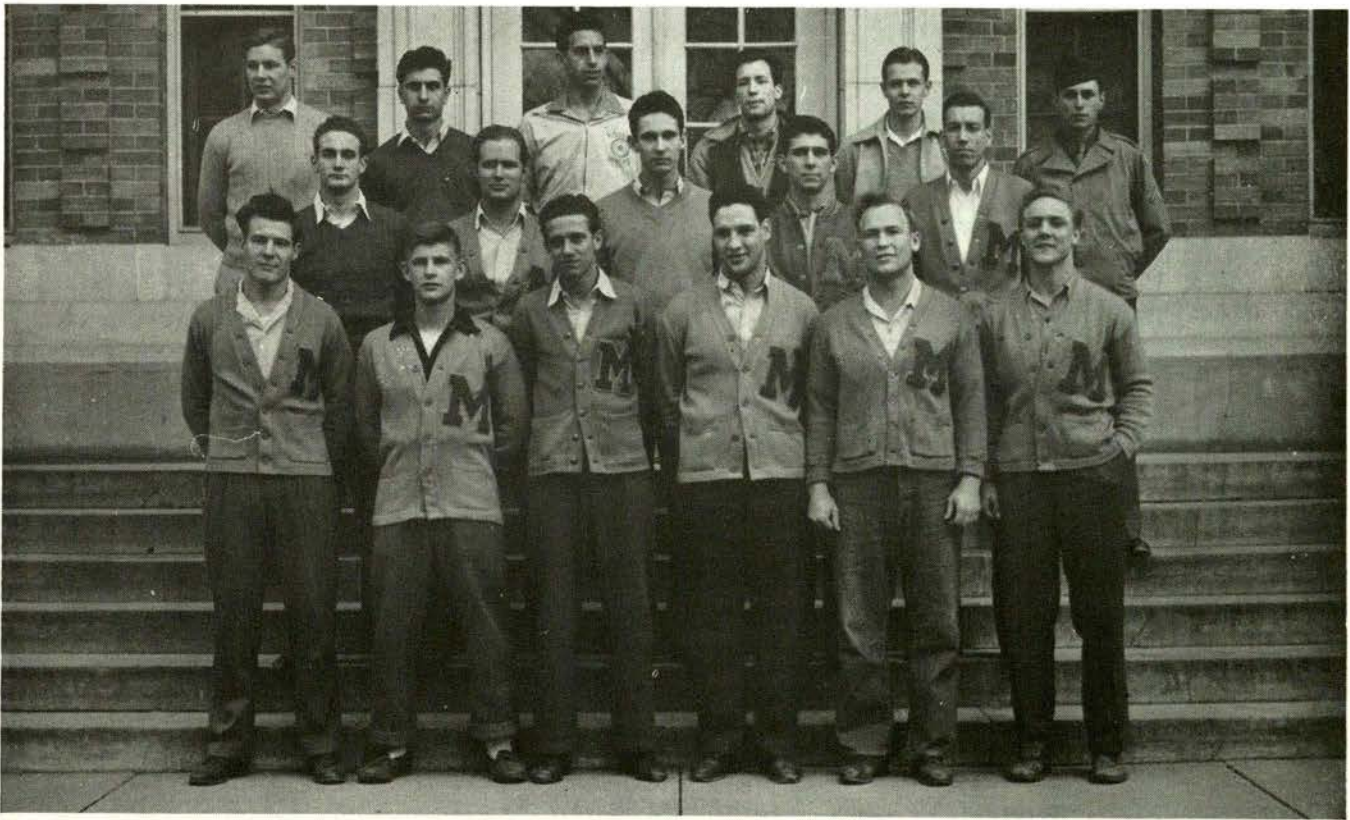
MEMBERS

George W. Allen	James D. Elam	Warren L. Larson	Gus Savu
Stanley G. Bendorf	William Ellerman	Ernest Massard	Jack Sisk
C. H. Black	Roger Heidenrich	Harold Moe	John Sjoberg
Ronald L. Carmichael	George Henry	Francis Nelson	Bernard Sparlin
Alvin Cook	Don H. Hessling	Jack Nomi	John Stegner
Mike Cramer	William F. Hubbard	John Northcutt	Samuel Tarson
Dan W. Daetwyler	Kay Ikeuye	Jack Ozawa	Fred Todd
A. Michael Deichmann	Ray Juergens	Wesley Parish	Kor Uyetake
John H. DenBoer	Joe Kawaguchi	Edward Patterson	Joseph Vogt
Leonard Diechman	Don Kozeni	Dick Piasecke	George Walpert
Richard Doisy	Ray Kuwamoto	Joe Russo	Charles Wehking
James E. Dueker	Yas Kuwamoto	Rigoberto Saenz	

# THE TECH CLUB

The Tech Club was established on a non-profit basis in 1939 to provide economical meals for a large number of Missouri School of Mines students. In April, 1943, fire swept the Club's Ninth and Park location, but the organization remained intact and after occupying temporary quarters, moved to the present site.

The Club won the Tau Beta Pi Scholarship Cup for the Spring semester of 1943.



OFFICERS	1943	1944
<i>President</i> . . . . .	D. G. LePere	H. F. Webers
<i>Vice-President</i> . . . . .	C. A. Dick	R. Seabaugh
<i>Treasurer</i> . . . . .	J. R. Miller	R. N. Roley
<i>Secretary</i> . . . . .	E. Isenmann	N. O. Rankin

MEMBERS

- |                     |                    |                    |                  |
|---------------------|--------------------|--------------------|------------------|
| G. A. Allison (B)   | E. M. Kane (F)     | H. F. Webers (T)   | R. B. Whitehill  |
| E. B. Blair (B)     | D. G. LePere (F)   | W. E. Weber (Ten.) | D. J. Harrington |
| J. Bush (T)         | L. H. Markway (F)  | M. E. Portman (F)  | G. J. Brenner    |
| W. P. Crain (F)     | E. H. Miller (F)   |                    | R. C. Gauerke    |
| C. A. Dick (F)      | I. R. Miller (F)   | ASTP MEMBERS       | A. R. Hausauer   |
| W. H. Gammon (F)    | N. O. Rankin (T)   | S. Jones           | J. K. Booher     |
| E. E. Hoehn (F)     | R. R. Seabaugh (F) | D. P. Bergman      | L. H. Bahr       |
| E. S. Isenmann (B)  | A. Tapperson (F)   | V. A. Balchunas    | M. L. Cohn       |
| A. S. Ittermann (T) | R. N. Roley (F)    | R. E. Reichelt     | L. D. Smith      |
|                     |                    | R. E. Drake        |                  |

The "M" Club was founded in 1938 as an organization to aid in raising the standard of sportsmanship around the Missouri School of Mines campus and to create a better feeling of fellowship among members of the athletic teams. Since its organization six years ago it has advanced considerably both in size and popularity.

The members encourage a larger number of men to participate in the sports of our school, lend assistance at the various athletic contests, and perform other functions of service to aid in increasing school morale and distinction.

**THE**  
**"M"**  
**CLUB**



# THE ENGINEERS' CLUB

The Engineers' Club is the oldest organization of its kind on the campus. It was organized in 1934 to meet the urgent demand by a group of students in need of economical, wholesome meals. The Club has not only lived up to its original purpose, but also has strengthened the fellowship among the Independents and stimulated their interest in campus activities. It held the Tau Beta Pi Scholarship Cup for the 1943 Summer semester and sponsored a dance last fall.

The Club is managed by the President and the Secretary-Treasurer subject to the approval of a board of control which is elected from the members of each class.



OFFICERS

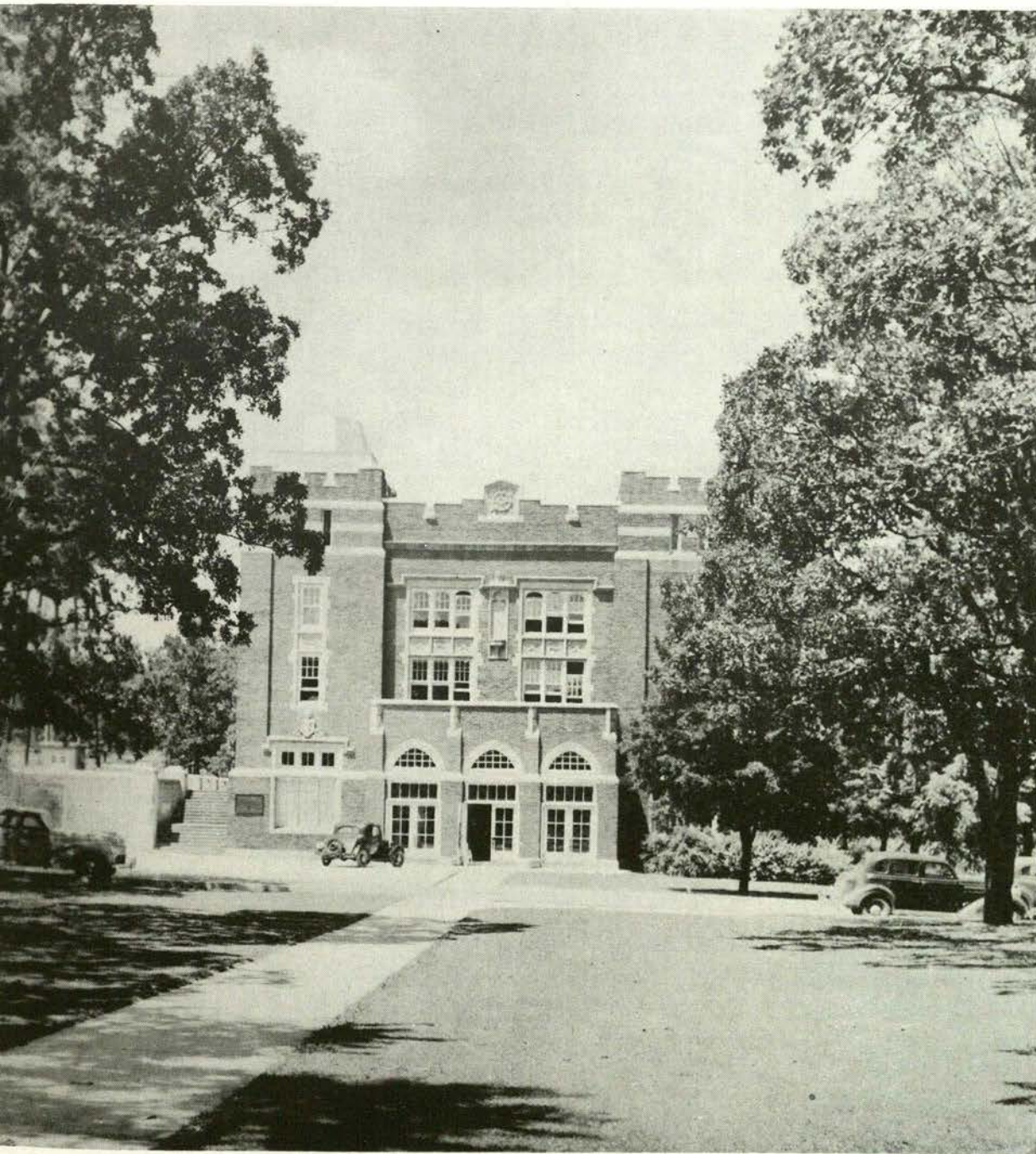
<i>President</i> .....	Carl Finley
<i>Secretary-Treasurer</i> .....	Max Custis
<i>Board of Control</i> .....	} Leon Eriv
	} Hackman Yee
	} Ivan Kinder

MEMBERS

Eugene Allen	Carl Finley	Martin Portman
Raul Arana	Harry Gilliland	Richard Raining
Don Atkisson	Rayfield Gogan	Gordon Reader
Bob Balin	Donald Guilfoxy	Allen Reichert
Bob Banks	Richard Hansen	Gene Ronat
Ed Barkley	Harold Hopper	Henry Rust
Ed Barnhardt	Charles Hornecker	Fred Schmitz
Walter Blackshaw	Ed Isenman	Richard Schmitz
Bill Break	Millard Kadera	Edward Schultz
Herman Brinkman	Ivan Kinder	Harry Scott
Charles Brockmeyer	Richard Lane	Sanford Simons
John Brodhacker	James Liley	Glen Staley
Elwood Buterbaugh	Allen Lindburg	Bob Summers
Ed Chestnut	Ed Little	James Trace
Don Collar	Don Lowder	Ray Trogdon
Eugene Copeland	Ty Maintz	John Van Os
John Cox	Gene McDowell	Charles Victor
Joe Crites	Arthur Meenen	Richard Wampler
Max Custis	Jim Miller	Kenneth Wilhelms
Dean Daniels	Ray Murphy	Sanford Wool
James Dowd	Don Meyers	Hackman Yee
Bill Dragoset	Nils Nelson	Bob Murray
Fred Drawing	Robert Pautler	Walter Kramer
Leon Eriv		







# Sports

A vital asset toward the making of a well-grounded college is the participation of the student in extra-curricular activities. These are vital to gaining administrative experience and relaxation and friendly companionship.

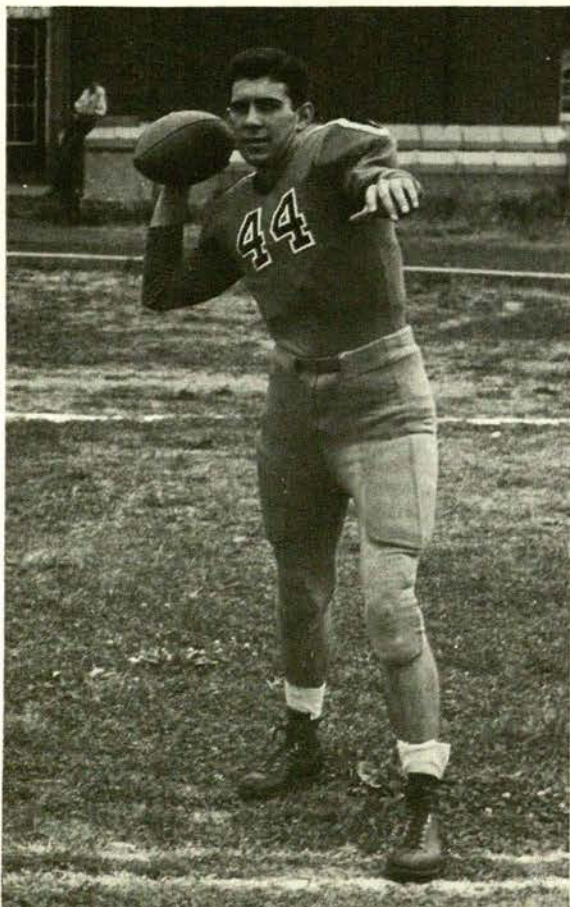


# THE M. I. A. A. CHAMPS

The M. I. A. A. officials pronounced the Missouri Miners conference champions, although they competed against only two other M. I. A. A. teams. The 1943 Miner football team indeed played a championship season holding quite a long list of victories.



*Coaches Hafeli, Estes, and Gladden*



*Captain Dick Tosses One*

## SEASON'S RESULTS

U. of Arkansas.....	49	Miners.....	0
Warrensburg Mules..	6	Miners.....	0
Illinois Normal U....	6	Miners.....	19
Missouri U. B-Team	0	Miners.....	19
Illinois Wesleyan U..	0	Miners.....	8
Cape Girardeau .....	0	Miners.....	25
Camp Robinson .....	14	Miners.....	27
Pittsburg Teachers....	34	Miners.....	14

# FOOTBALL

## THE STARS OF M. S. M.

AL DICK—Captain of this year's squad and outstanding player on the 1943 team. Al, a brilliant passer and a great line backer, put plenty of pep into his team mates.

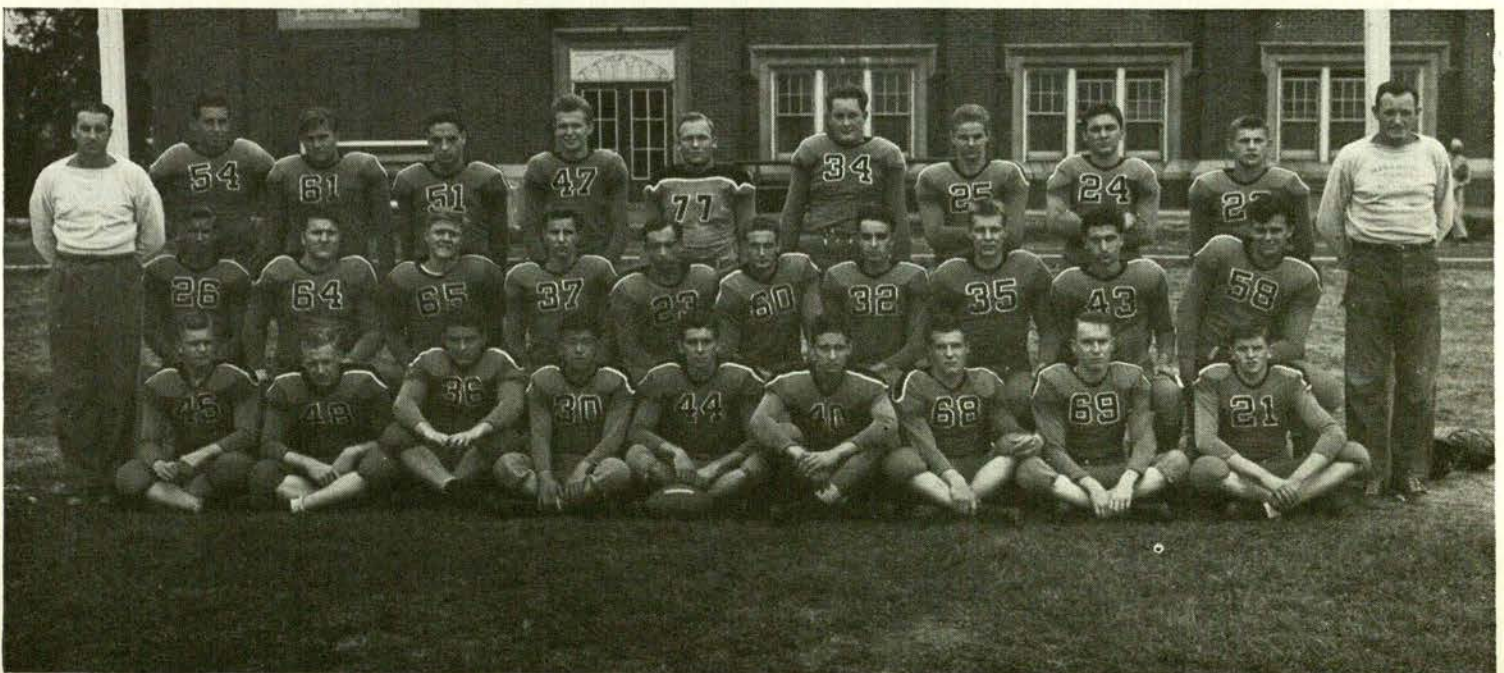
JIM MILLER—Jim completed his third season as one of the outstanding halfbacks on the Miner team. Most of the running plays were centered around Jim's aggressiveness.

DON LEPERE—First string center of the year's team. Don, playing nearly sixty-minute ball in every game, made tackle after tackle when backing up the line on defense.

EARL KANE—Better known as "Killer," finished his fourth season of football at MSM. He has played nearly every position on the squad and all equally well. Earl started out as guard, but this past season he has alternated between quarterback and end.

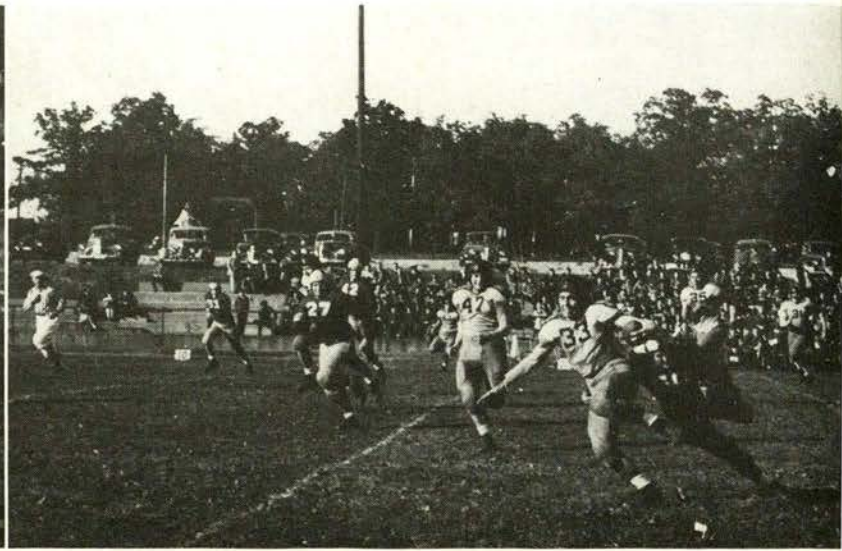
BOB DRAKE—An AST student from Detroit, added plenty of speed to the Miner backfield when playing from his position at left halfback.

ART TAPPERSON—A Sophomore end exhibited much ability at catching passes. "Tap" accounted for many Miner touchdowns in his first season with the team.





*Pass Completed—Touchdown!*



*Thirty-yard Gain by Capt. Dick*

## THE STARS OF M. S. M.

**FRANK SCHOFRO**—One of the hardest hitting linemen of the past few years accounted for many tackles and upsets against our opponents. This was Frank's first season of football at MSM.

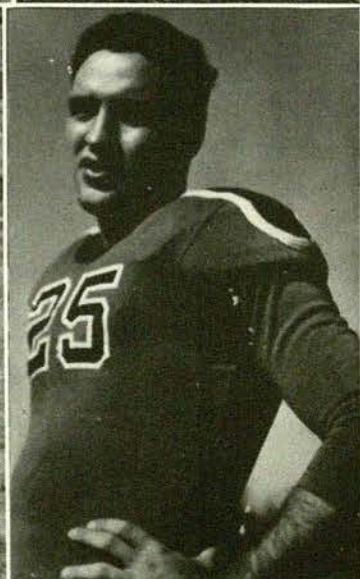
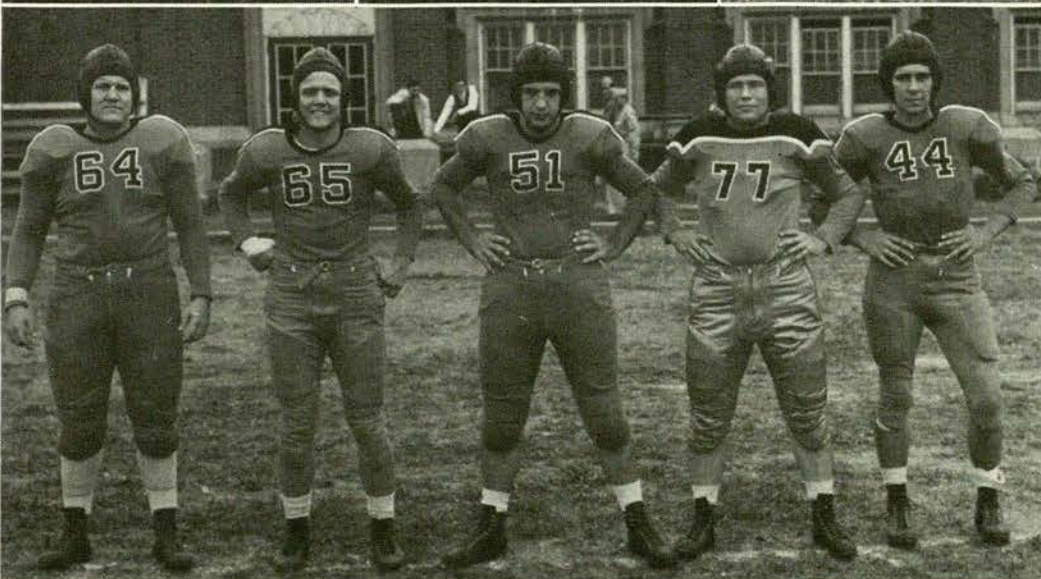
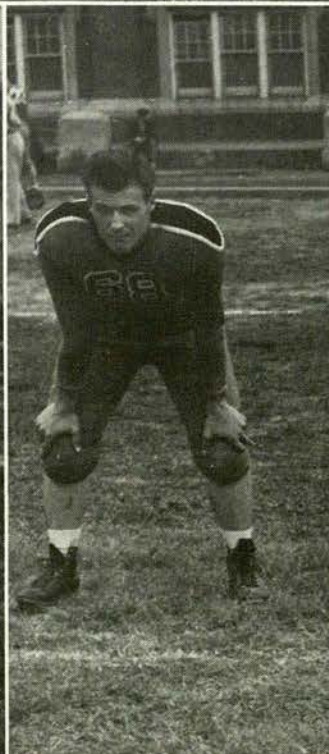
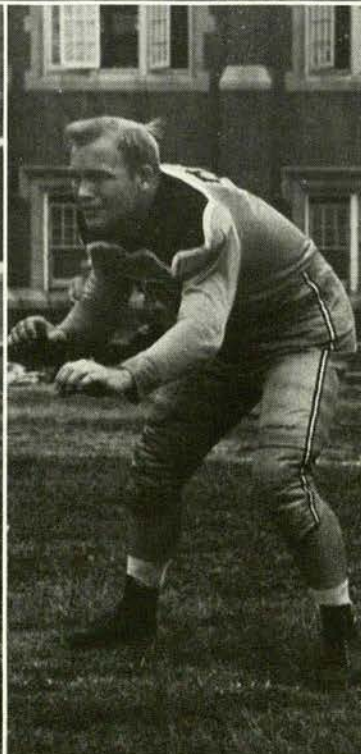
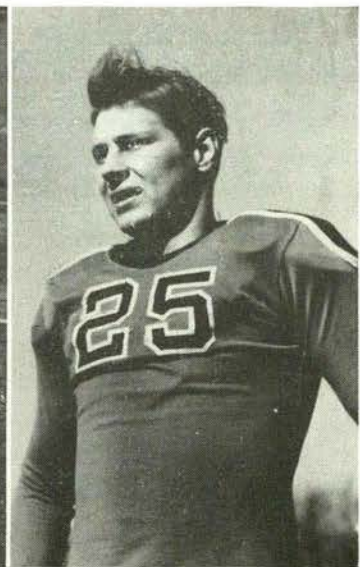
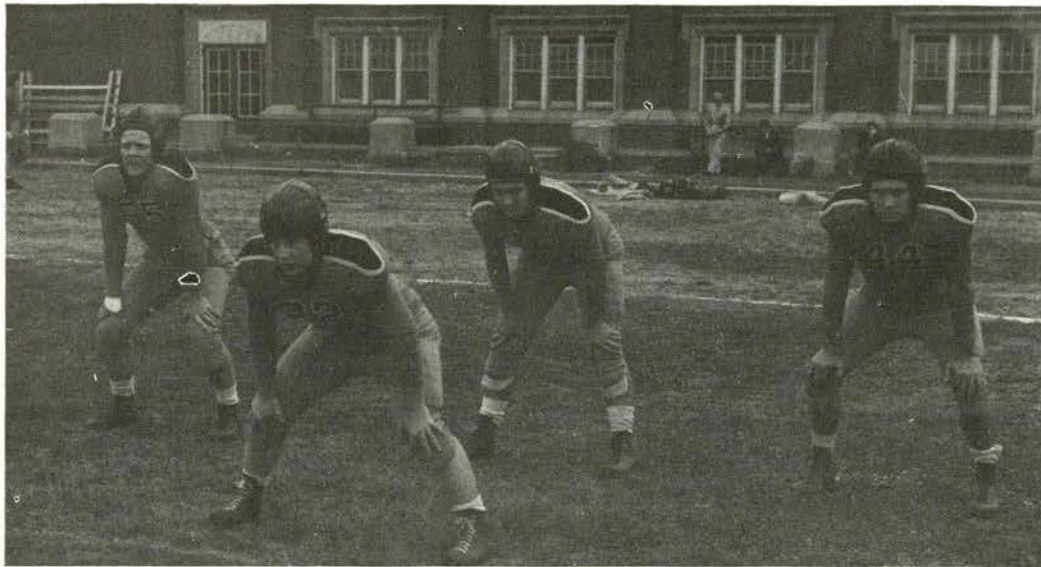
**BOB ROLEY**—Flashy little quarterback, playing considerably better ball in this, his second season. Bob was the brains of the squad as first string quarterback.

**VIC BALCHUNAS**—Another AST student, playing a very good game at fullback, expert at finding holes in the enemy defense and picking up many long gains for the Miners.

**RAY SEABAUGH**—This was Ray's second season at guard for the Miners, although he is only a sophomore. He played nearly sixty-minute ball this season contributing much to the strong line of defense.

**JACK NOMI**—Jack was a dependable quarterback who played a brilliant game from the key position. He was a small aggressive player, giving much trouble to the opponent's tacklers.

**BOB WHITEHILL**—An AST man playing at halfback added much spark to the Miner backfield and accounted for many touchdowns.



MILLER  
GAMMON  
SCHOFRO

ROLEY  
MILLER

HOEHN  
KANE  
LE PERE

CAPT. DICK  
SEABAUGH  
KANE  
DICK

MARKWAY  
ROLEY  
LE PERE

## THE STARS OF M. S. M.

MARTIN PORTMAN—The tall man of the Miner line, who accounted for many tackles. This was Portman's first year to letter, showing much promise as a lineman.

BILL CRAIN—A Freshman end, was outstanding on offense making several amazing pass catches for touchdowns. He was one of the few Freshmen to letter this year.

BOB REICHEL—An AST player strengthened the team by filling in at the quarterback position.

EARL HOEHN—An outstanding all around offensive man. His kicks took the Miners out of danger many times. His passing and running strengthened the Miner attack.

BERNIE SEXAUER—Remarkable player both offensively and defensively. His accurate blocking and tackling will be missed on the Miner line next season.

LEROY MARKWAY—Dependable tackler, stopping many of the opponents attacks. He was one of the outstanding Sophomores and shows promise for next year's squad.

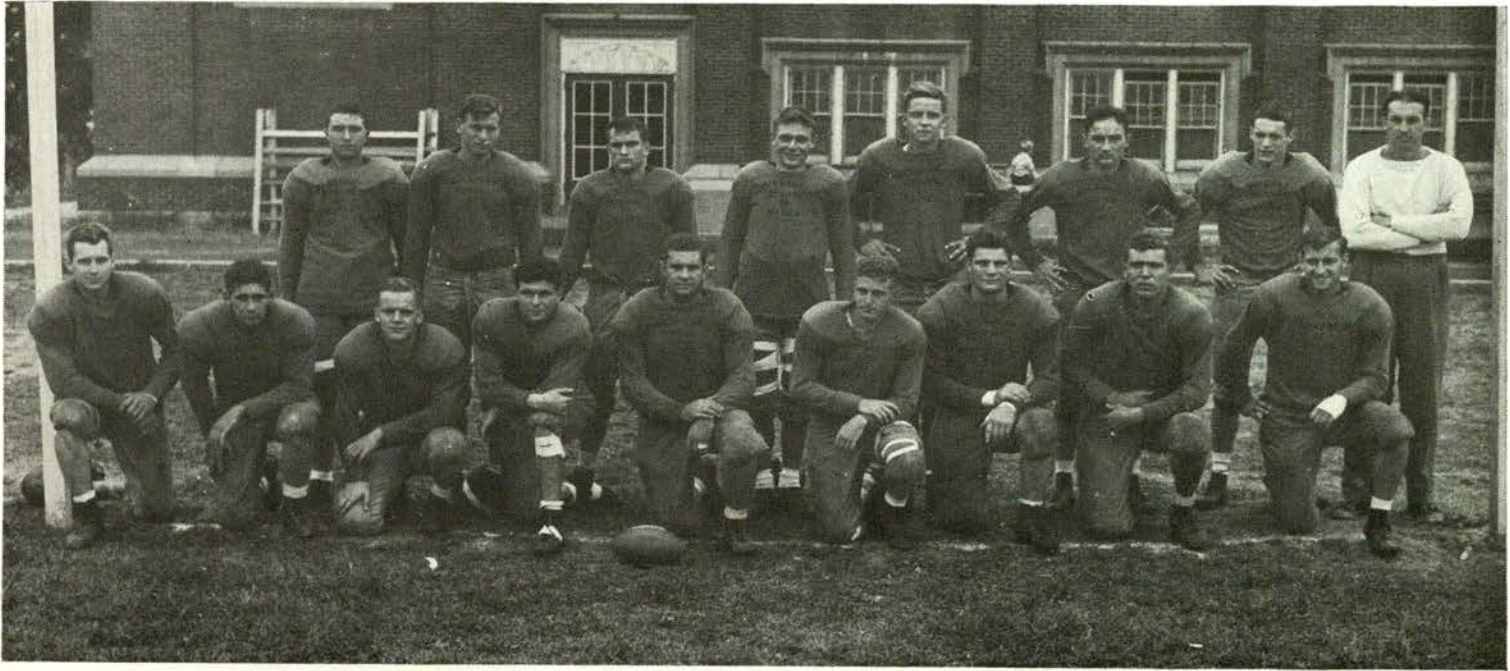
BILL GAMMON—A Freshman halfback whose elusive running netted the Miners many yards. Bill's playing ability will be a great asset to next season's team.



*Touchdown Pass*



*Out of Bounds*



*A.S.T.P. Football Squad*

## A. S. T. P. INTRAMURALS

The A. S. T. P. participated with great success in the intramural program in competition with the fraternity and class organizations. The men were organized into teams according to their division into platoons, which yielded a total of eight teams. The winner of the first term was the Cardinals, while the Giants captured the honors in the second term.

In keeping with the physical fitness program, the obstacle course proved to be of great interest among the A. S. T. P. men. The outstanding event of the season was the triumph of the Cardinals over the Dodgers in tough football. Charles Bradshaw of the Indians was the shining individual star in setting a new record in the 60-yard free style swim of 32.4 seconds, as well as coming in first in the obstacle course.

The winners in the various sports are as follows:

Touch Football	.....	Cardinals
Cross Country	.....	Pirates (Barton)
Obstacle Course	.....	Dodgers
Basketball	.....	Giants
Swimming	.....	Giants

# INTRAMURALS



*"Champ" Bradshaw  
Opens Up*



*Kaempf Shoots a Left*



*Blocked!*

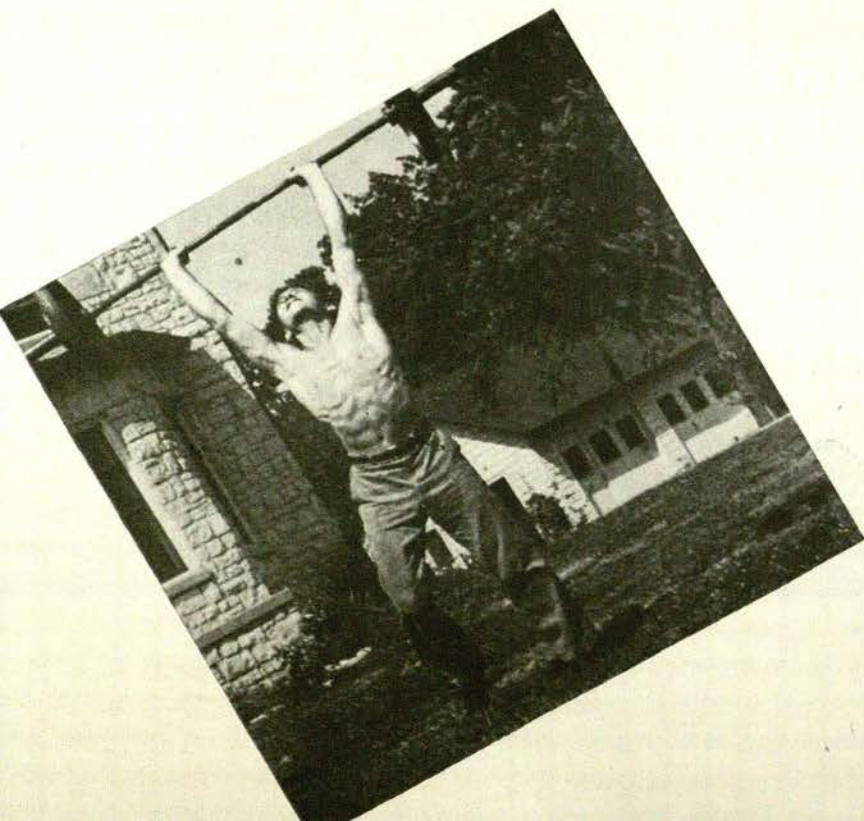
## INTRAMURAL BOXING AND WRESTLING WINNERS

### WRESTLING

<i>Name</i>	<i>Class, Wt.</i>	<i>Represt.</i>
Herb Harrod	118	Army
Harry Schuttenberg	126	Army
Ted Hentchel	135	Sigma Pi
Don Snyder	145	Army
Lawrence Seltzer	165	Triangle
Maurice Cohn	175	Army
Dave Wood	Heavy	Army

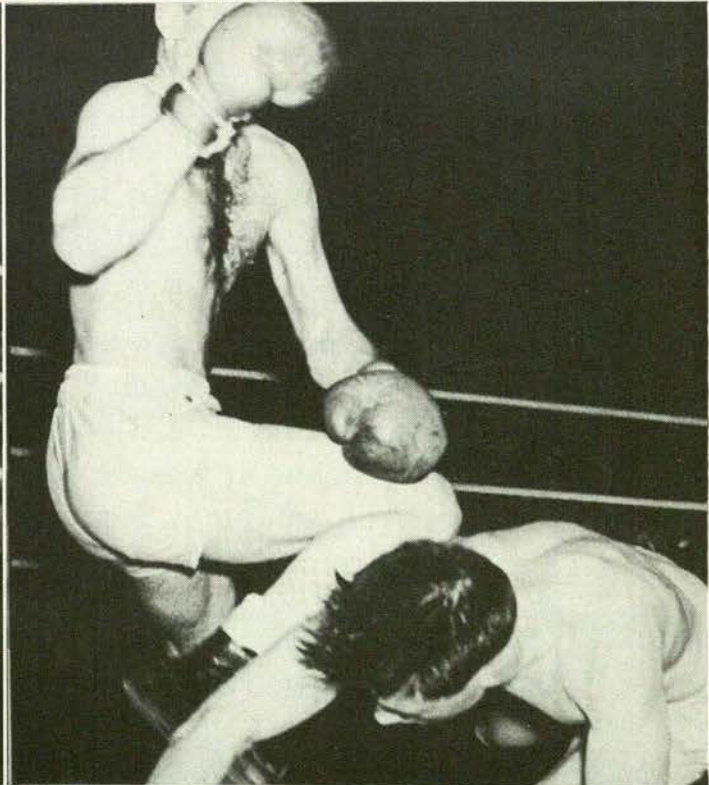
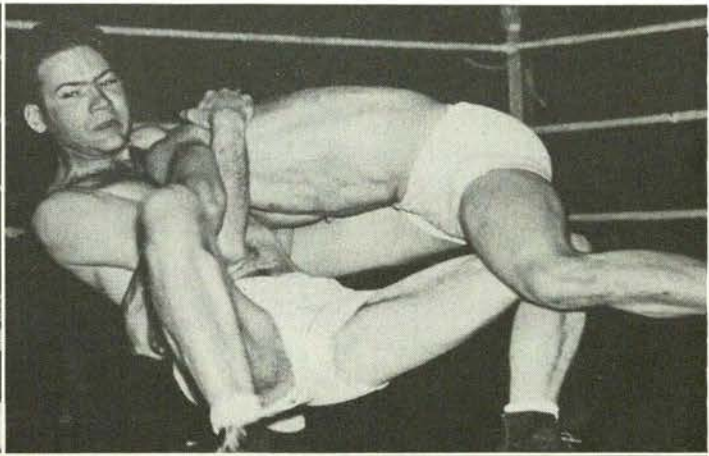
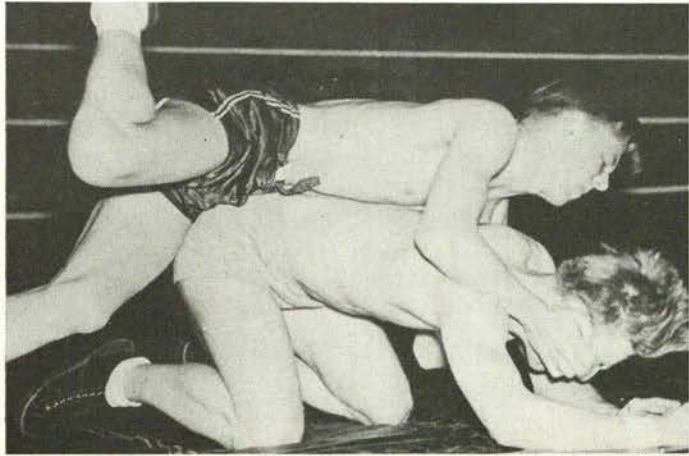
### BOXING

Joseph LePage	112	Triangle
Joseph Conley	118	Army
John Wilks	126	Army
Harry Butler	135	Army
John McCarthy	145	T K P
Bill Gammon	155	Kappa Sig
Charles Bradshaw	165	Army
George Brenner	175	Army
Martin Portmann	Heavy	Eng. Club





# WRESTLING AND BOXING



*Right in the Eye!  
Nomi vs. Schofro  
Portmann Misses*

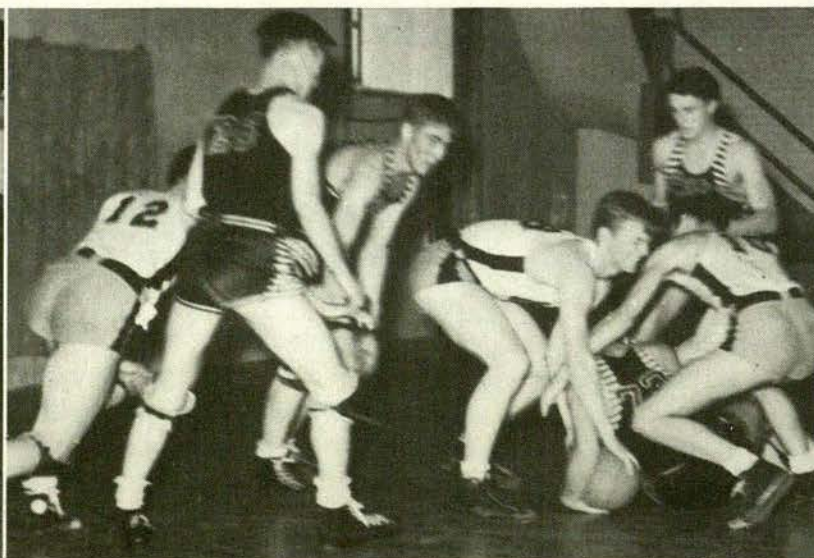
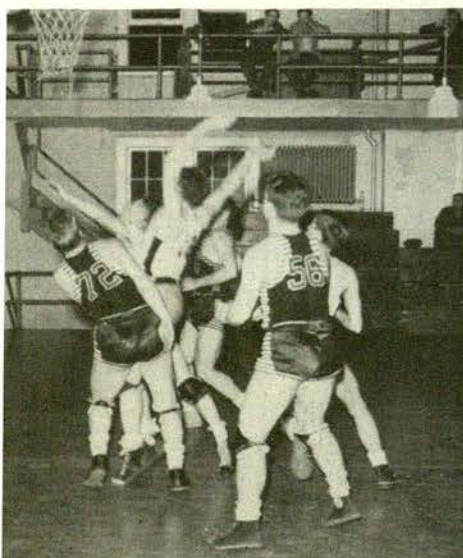
*Beginning of the End  
Brenner Drops Smith  
Canning Goes Over*

# BASKETBALL



The basketball season began with a minimum of experienced Miners on the team, but hard work proved to make a successful season of one that otherwise might have been a grim one.

The soldier teams sent out by Fort Wood and Parks Air College were met and defeated with ease by the Miners. The colleges, however, were represented by more experienced men. The Warrensburg team was classed by Coach Gladden as probably the most formidable in Missouri. The ASTP boys that worked with the Miners did an excellent job, and it was through their support that the Miners were so successful. Captain Norman Rankin, a tall, rangy Sophomore also did a remarkable job in keeping the team on the alert when the going was the toughest.



*Basketball Team in Action Against Cape Girardeau*

# BASKETBALL

## TEAM MEMBERS

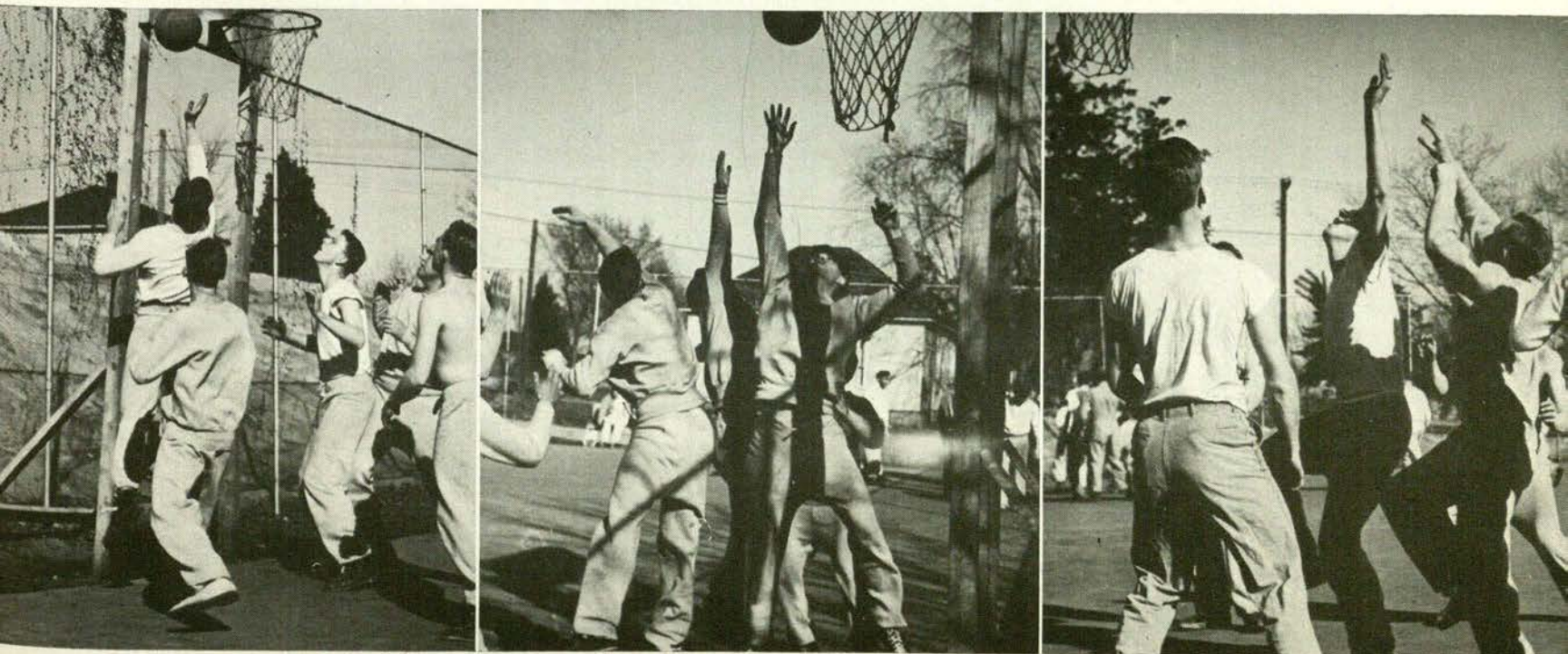
<i>Miners</i>	<i>Position</i>	<i>Class</i>	<i>Home</i>
Allison, George	Forward	Senior .....	Chester, Ill.
Blair, Edward	Guard	Senior .....	Clayton, Mo.
Crain, Bill	Guard	Frosh .....	Christopher, Mo.
Dewester, Lloyd	Guard	Frosh .....	Rockanna, Ill.
Kasten, Paul	Forward	Senior .....	Jackson, Mo.
Montgomery, Robert	Forward	Senior .....	Sikeston, Mo.
Rankin, Norman	Guard	Soph .....	Rolla, Mo.
Tappmeyer, Ronald	Center	Frosh .....	Owensville, Mo.
Vogt, Robert	Guard	Junior .....	St. Louis, Mo.

## SEASON'S RESULTS

Fort Wood .....	16	MSM	34
Fort Wood .....	27	MSM	56
Fort Wood .....	32	MSM	62
Fort Wood .....	30	MSM	34
Fort Wood .....	24	MSM	86
Cape Girardeau "B" .....	44	MSM "B"	31
Cape Girardeau .....	40	MSM	29
Drury College .....	43	MSM	33
Parks Air College .....	36	MSM	53
Warrensburg .....	52	MSM	41
Cape Girardeau .....	49	MSM	27
Drury College .....	41	MSM	40

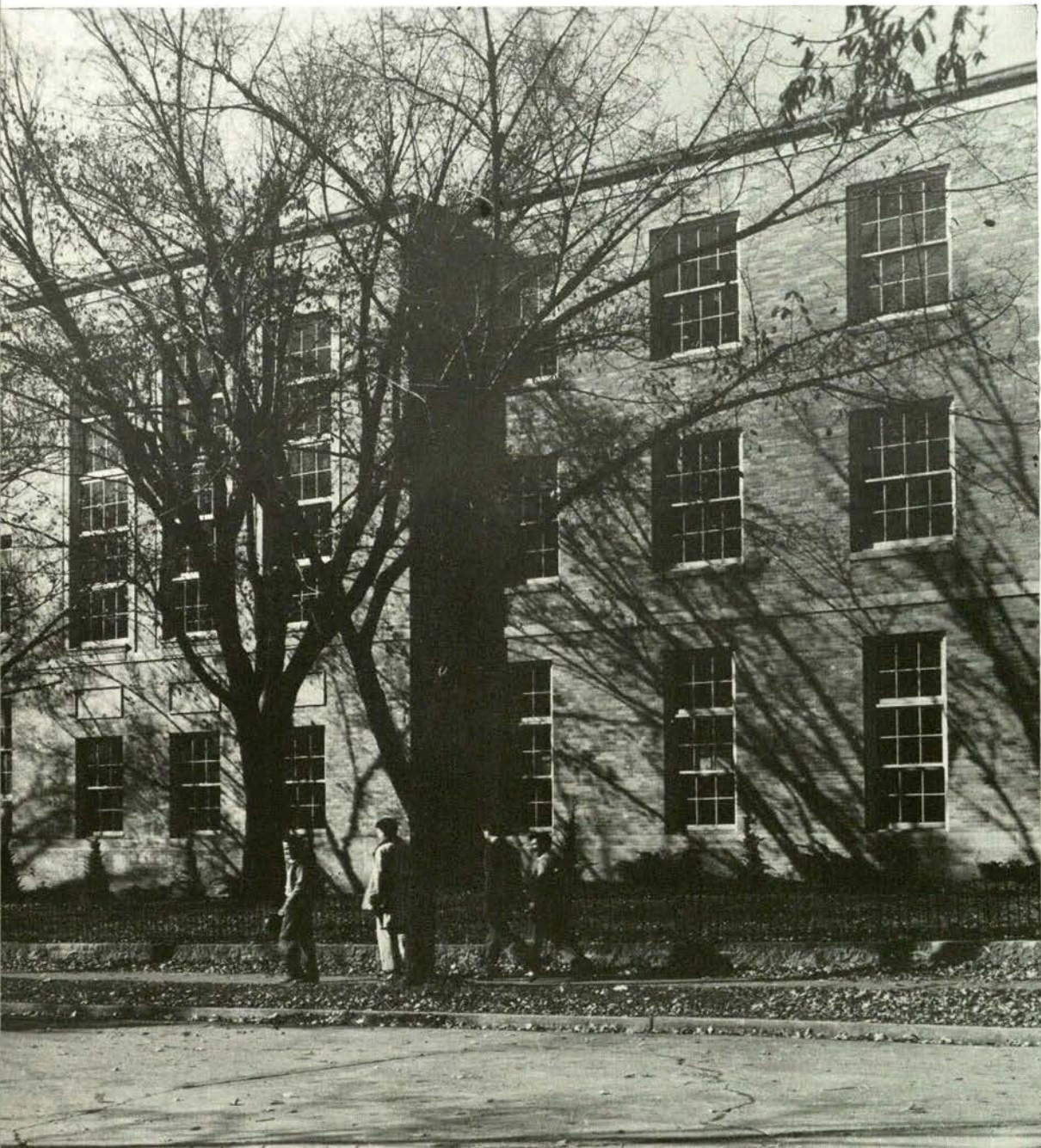
### A. S. T. P.

Aftman, Wm. M. ....	Plain Well, Mich.
Allen, J. B. ....	North Canton, Ohio
Bishop, L. L., Jr. ....	Prairie Creek, Ind.
Loop, J. H. ....	Los Angeles, Calif.
Martin, M. S. ....	Denver, Colo.



A.S.T.P. Physical Training Class—Basketball





# Social Fraternities

The social atmosphere and friendly companionship developed in social fraternities are valuable assets to the engineer of tomorrow.





MEMBERS

K Σ  
**KAPPA SIGMA**

- |                 |                   |
|-----------------|-------------------|
| Elmer Aschmeyer | Earl Hoehn        |
| William Bassett | William Hubbard   |
| Edward Blair    | Joseph Jenkins    |
| Donald Brand    | Donald Koch       |
| George Burke    | Richard Mateer    |
| Robert Crosby   | George Meyer      |
| Alfred Dick     | William Nichols   |
| Robert Dietz    | Alan Ploesser     |
| John Domian     | Charles Reed      |
| Glen Doss       | William Rule      |
| Calvin Duke     | Raymond Seabaugh  |
| Russell Frame   | Bernard Sexauer   |
| Alan Fuchs      | Earl Shanks       |
| Thomas Gettys   | Arthur Tapperson  |
| Robert Hackman  | Jesse Bill Wilson |
|                 | Robert Yochum     |



PLEDGES

- |                  |                    |
|------------------|--------------------|
| Elmer Belew      | William Hackel     |
| Howard Casselman | George Juenger     |
| William Crain    | Kenneth Lee        |
| Lloyd DeWester   | Jack Mueller       |
| Robert Entzeroth | John L. O'Sullivan |
| William Gammon   | Donald Ruff        |
|                  | John Schindler     |

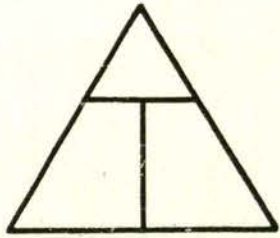
OFFICERS

*President* ..... John Domian  
*Vice-President* ..... Robert Crosby  
*Secretary* ..... Earl Shanks  
*Treasurer* ..... Robert Dietz  
*House Manager* ..... Glen Doss

Kappa Sigma was founded at the University of Virginia in 1860. The Beta Chi chapter was installed at Missouri School of Mines in 1903, and was one of the original three social fraternities which were chartered here in that year.

The chapter was awarded the Intramural Sports Trophy for the 1943 Spring semester, and received the traveling Interfraternity Sing Plaque last fall.





# TRIANGLE

## MEMBERS

- |                  |                 |
|------------------|-----------------|
| W. G. Barnes     | A. W. Presnell  |
| R. E. Emo        | K. N. Rasmussen |
| L. E. Fields     | J. A. Smith     |
| W. E. Howard     | R. A. Vogt      |
| L. J. Jamboretz  | H. F. Webers    |
| H. G. Landy      | R. T. White     |
| R. L. Williamson |                 |

## PLEDGES

- |               |                 |
|---------------|-----------------|
| H. C. Brehe   | O. M. Olson     |
| G. G. Coulter | S. J. A. Pagano |
| H. L. Hoff    | J. D. Powell    |

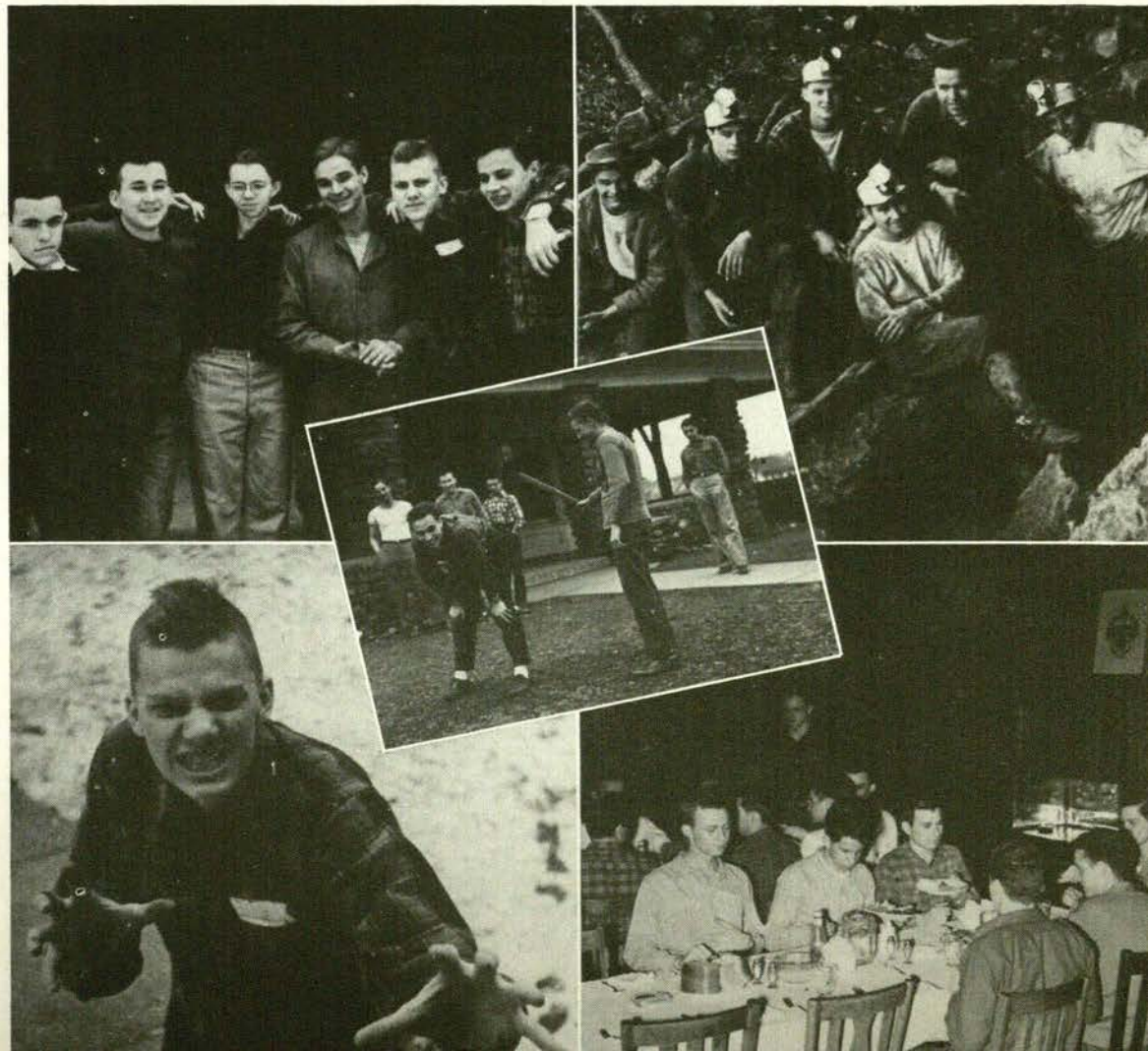


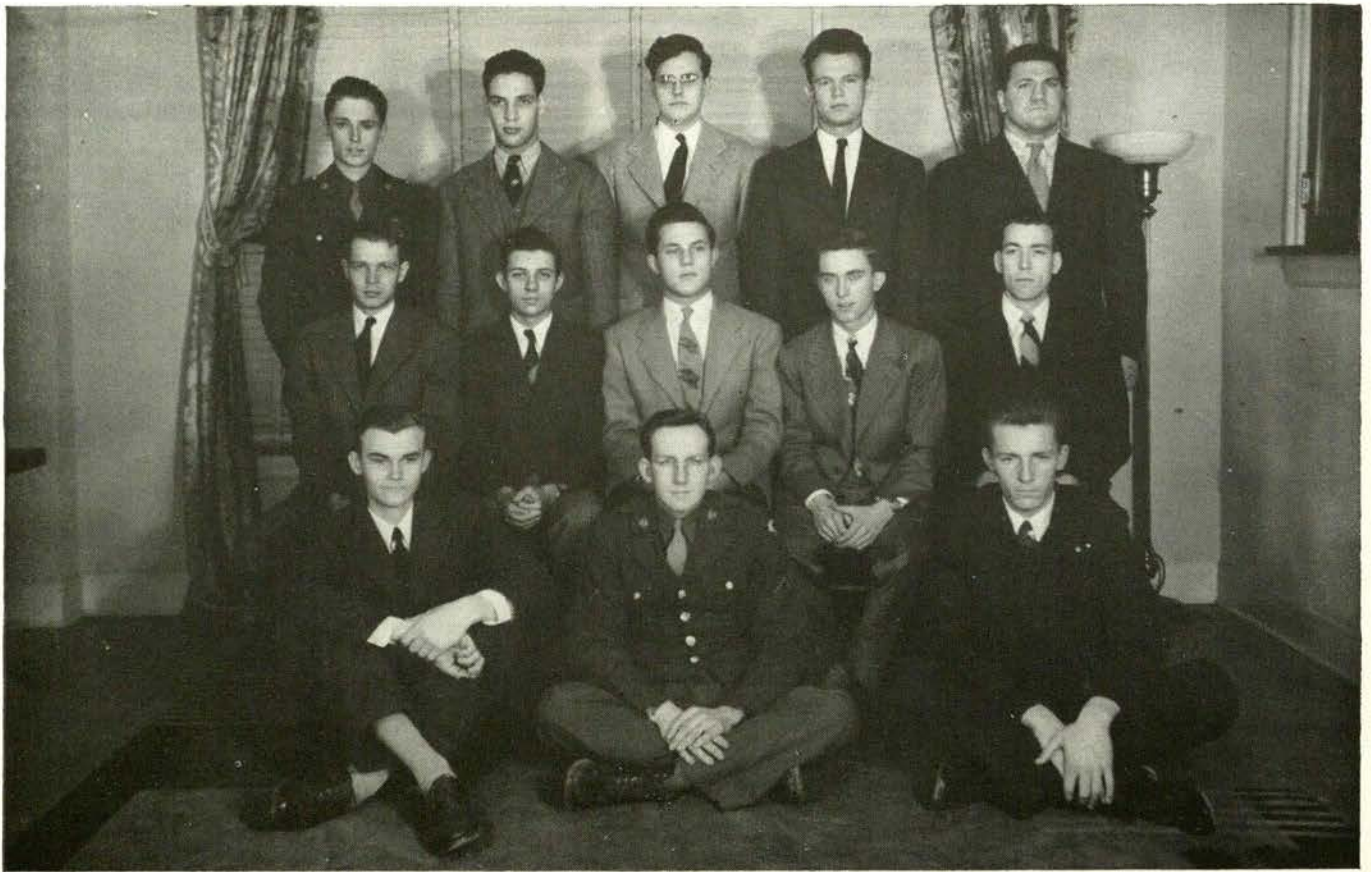


OFFICERS

- President* ..... James A. Smith
- Vice-President* ..... Albert W. Presnell
- Recording Secretary*... William G. Barnes
- Corres. Secretary*... Kermit N. Rasmussen
- Treasurer* ..... Robert A. Vogt
- Steward* ..... Larry J. Jamboretz
- Chapter Editor* ..... Ronald E. Emo
- Librarian* ..... Herbert G. Landy

Triangle is a National Professional Engineering Fraternity founded in the fall of 1906 at the University of Illinois. The Grubstaker's Club of the Missouri School of Mines campus was installed as the Missouri Mines Chapter of Triangle on December 10, 1927. In the past year this chapter has won the Interfraternity Council Scholarship Cup for the fourth time out of the six semesters the cup has been in circulation.





Π Κ Α

**PI KAPPA ALPHA**

MEMBERS

- |                  |                  |
|------------------|------------------|
| Joe Bush         | Ralph Kolde      |
| Carl Davis       | Don LePere       |
| John Ehrlich     | James McKelvey   |
| Robert Gevecker  | Robert Murray    |
| Robert Harlow    | William Rutledge |
| Louis Hartcorn   | Herman Schalk    |
| William Hellwege | Frank Schofro    |
| Al Itterman      | Walter Weber     |

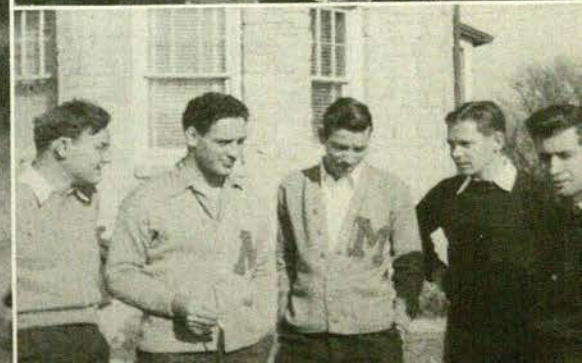
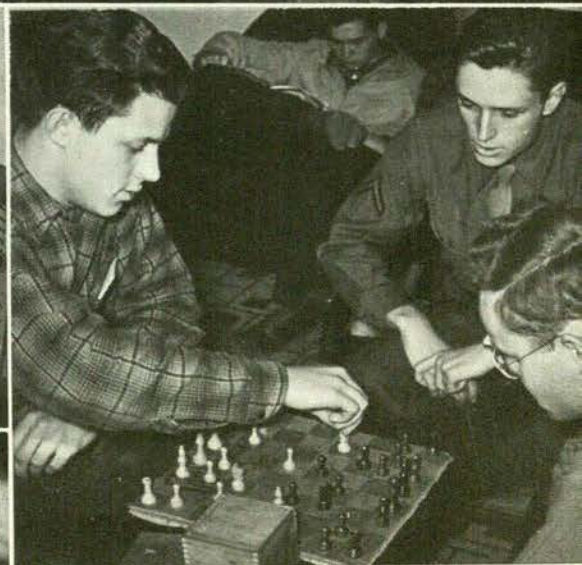


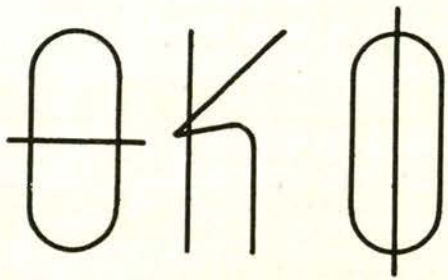
OFFICERS

	<i>Fall 1943</i>	<i>Spring 1944</i>
<i>President</i> .....	Al Itterman	Herman Schalk
<i>Vice-President</i> ..	Herman Schalk	James McKelvey
<i>Treasurer</i> .....	John Ehrlich	John Ehrlich
<i>Secretary</i> .....	James McKelvey	Walter Weber

Pi Kappa Alpha fraternity was founded at the University of Virginia March 1, 1868. The Alpha Kappa chapter, one of the early social fraternities at Missouri School of Mines, dates back to November 28, 1905.

During the past year the chapter has taken an active part in all campus activities and fraternity affairs.





# THETA KAPPA PHI



## MEMBERS

- |                   |                 |
|-------------------|-----------------|
| R. L. Barmeier    | R. W. Klorer    |
| W. J. Barnett     | R. T. Lohmann   |
| H. G. Butzer      | L. H. Markway   |
| P. M. Dampf       | T. J. Mazzone   |
| M. J. Delany      | J. J. McCarthy  |
| P. E. Des Jardins | R. E. Nuelle    |
| B. W. Duffner     | A. Olivares     |
| E. C. Goetemann   | R. P. Rauch     |
| D. A. Greco       | R. W. Roos      |
| W. P. Henne       | J. B. Selle     |
| J. W. Hoelscher   | W. J. Thomas    |
| G. M. Jost        | D. J. Stocker   |
| L. R. Kaempf      | A. H. Thorwegen |
|                   | J. C. Vorbeck   |

## PLEDGES

- |                |                 |
|----------------|-----------------|
| F. E. Altmann  | H. J. Galavis   |
| R. W. Buel     | W. J. Meifert   |
| R. F. Connors  | J. F. Neher     |
| R. E. Corbett  | J. T. O'Brien   |
| T. G. Devine   | H. E. Pankau    |
| R. T. Dreher   | T. R. Salisbury |
| J. A. Feltmann | G. Sauri        |
| T. H. Ferber   | J. Strubert     |

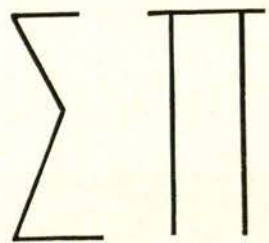
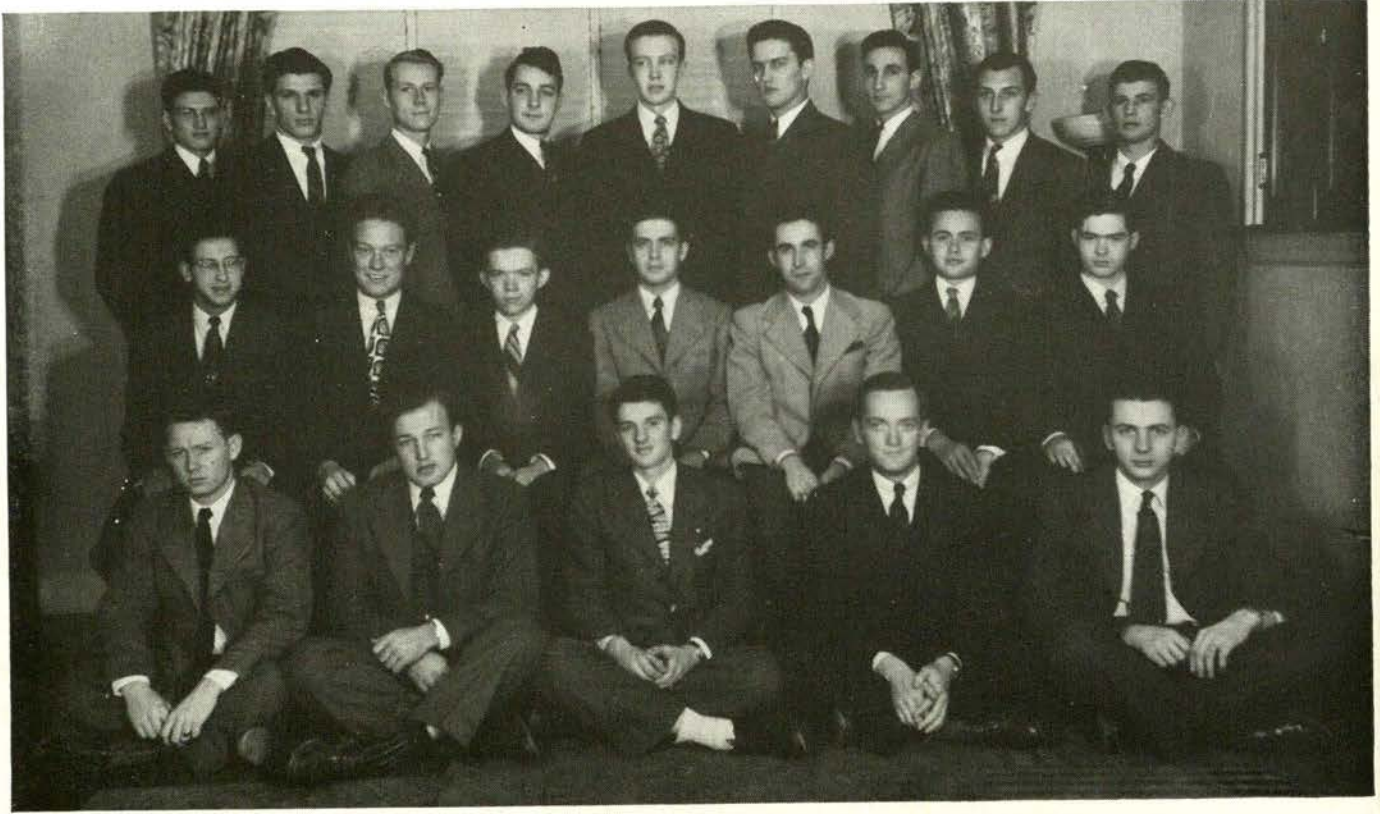
OFFICERS

- President ..... R. W. Klorer
- Vice-President ..... D. A. Greco
- Treasurer ..... J. C. Vorbeck
- Secretary ..... P. E. Des Jardins
- Pledge Manager ..... J. J. McCarthy
- Historian ..... B. W. Duffner
- Sergeant-at-Arms ..... L. H. Markway

Mu of Theta Kappa Phi, formerly the Mercier Club, dates back to 1936 on the Missouri School of Mines campus. The Mercier Club was organized by a group of Catholic students in April 1925 and continued as such until 1936 at which time it joined the national Catholic Fraternity of Theta Kappa Phi.

During the following years, Mu chapter has grown in the national organization until it now possesses the National Efficiency Trophy for chapter efficiency and the Sun Trophy for the best chapter publication.





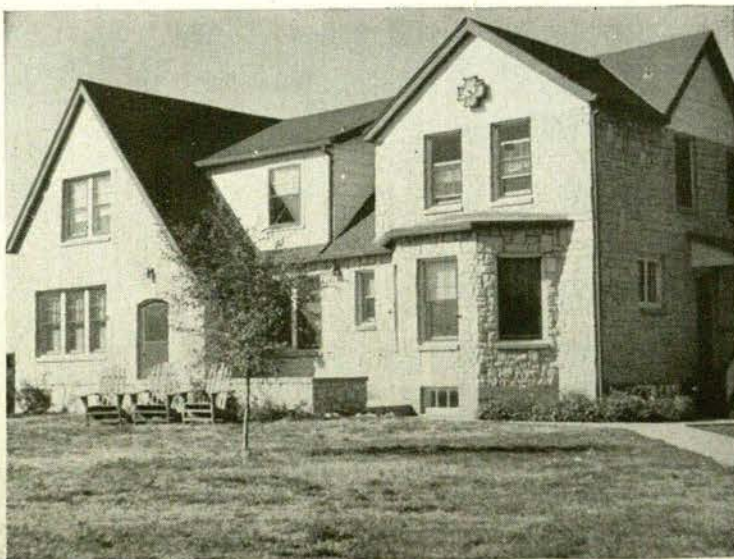
**SIGMA PI**

MEMBERS

- |             |               |
|-------------|---------------|
| R. Adamo    | F. Koenig     |
| J. Adams    | W. Magill     |
| E. Barron   | R. Montgomery |
| T. Blount   | J. Riggs      |
| J. Bottom   | K. Rudert     |
| G. Davidson | H. Schmoltd   |
| D. Glick    | W. Shivelbine |
| J. Haleski  | R. Smith      |
| T. Hentchel | W. Smothers   |
| J. Janssen  | C. Sparks     |
| P. Kasten   | A. Thiele     |
| V. Kasten   | R. Roley      |
|             | J. Chalk      |

PLEDGES

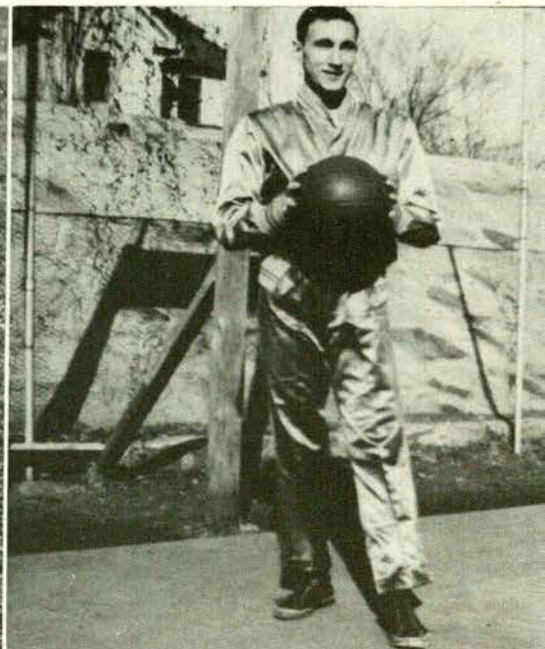
- |                |             |
|----------------|-------------|
| H. Brown       | E. Pillep   |
| R. Istringhaus | K. Sheppard |
| J. Kueser      | F. Wright   |



OFFICERS

- President* ..... H. Schmoltdt  
*V.-Pres. and Pledge Master* ... T. Hentchel  
*Secretary* ..... W. Magill  
*Treasurer* ..... J. Riggs  
*Historian* ..... R. Adamo  
*Sergeant-at-Arms* ..... K. Rudert

Alpha Iota Chapter of Sigma Pi, installed in May, 1933, is one of the younger fraternities on the Missouri School of Mines campus. The chapter participates in all campus and fraternity activities. Alpha Iota won trophies in Intramural Softball in the Spring and Summer of 1943.





Σ Ν  
**SIGMA NU**

MEMBERS

- |                  |                 |
|------------------|-----------------|
| C. P. Anton      | M. D. Lightfoot |
| L. R. Boaz       | O. Milton       |
| F. L. Bridge     | E. A. Milz      |
| J. B. Chaney     | E. Moniak       |
| J. B. Clayton    | N. O. Rankin    |
| J. W. Copening   | J. D. Sheppard  |
| G. A. Feyerabend | R. A. Tappmeyer |
| J. V. Glaves     | D. M. Tee       |
| G. T. Grant      | P. A. Tucker    |
| J. W. Griffiths  | E. A. Weinel    |
| J. H. Keller     | D. A. Wicker    |

PLEDGES

- |               |              |
|---------------|--------------|
| F. H. Canning | B. Martin    |
| W. Kiburz     | T. H. Morrow |
| E. L. Oliver  |              |





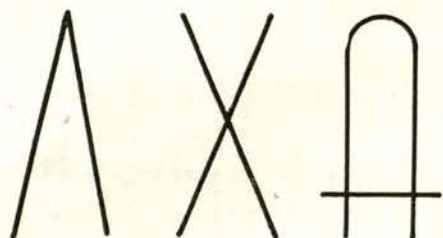
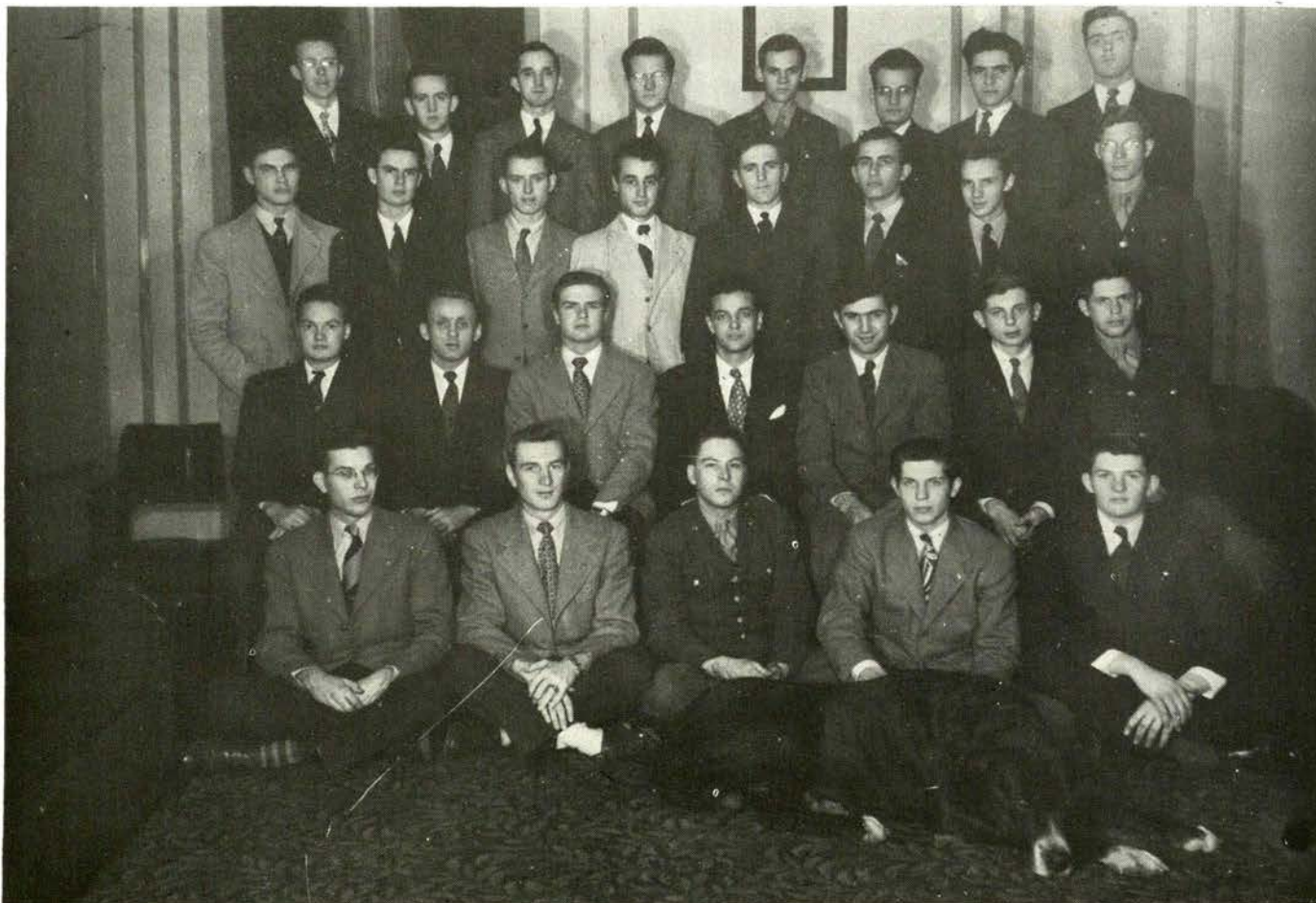
OFFICERS

*President* ..... Joe K. Keller  
*Vice-President* ..... J. D. Sheppard  
*Secretary* ..... Eugene Moniak  
*Treasurer* ..... John V. Glaves

The Sigma Nu Grand Fraternity was founded at the Virginia Military Institute in 1869. Gamma Xi chapter of Sigma Nu which was installed in 1903 was the first social fraternity on the M.S.M. campus.

In the 41 years since its establishment, the members of Gamma Xi chapter have strived to make their Fraternity "a shrine of learning and a temple of good fellowship," and now look hopefully toward the future.





## LAMBDA CHI ALPHA



### MEMBERS

Allen, K.	Mellis, R. W.
Billy, J. H.	Murphy, R. E.
Dean, G. E.	Mushovic, P.
Frommer, D. W.	Nevin, F. E.
Heineck, R. L.	Niewoehner, R. J.
Hoffman, A.	Orlofsky, S.
Jamison, R. W.	Setchfield, R. E.
Kick, R. J.	Schieneman, J. A.
McClary, L. R.	Stoecker, W. F.
McCutchen, N. L.	Tatoian, G.

### PLEDGES

Gebhardt, P.	Padovano, A.
Hailey, H.	Reilly, J.
McCumber, D.	Stadelhofer, J.
Mestemacher, M.	Welborn, T.

OFFICERS

*President* ..... Cy Orlofsky  
*Vice-President* ..... Bob Jamison  
*Secretary* ..... Lee McClary  
*Treasurer* ..... Glenn Dean

The Lambda Chi Alpha Fraternity was founded in 1909 on the campus of Boston University. The chapter now active on the M.S.M. campus originated in 1913 and was then known as the Mucker's Club. In 1917 this club was admitted to the fraternity as the Alpha Delta Zeta of Lambda Chi Alpha Fraternity.

The house which the chapter now occupies was purchased in 1923. It is the oldest fraternity house on the campus, being built shortly after the close of the Civil War. In 1917 the chapter voluntarily became inactive—all of its members joined the armed forces. Today, Alpha Delta boasts that nearly one hundred of its members are in the services.



WE APPRECIATE YOUR PATRONAGE

## MISSOURI GENERAL UTILITIES

Light

Heat

Water

### JUNE

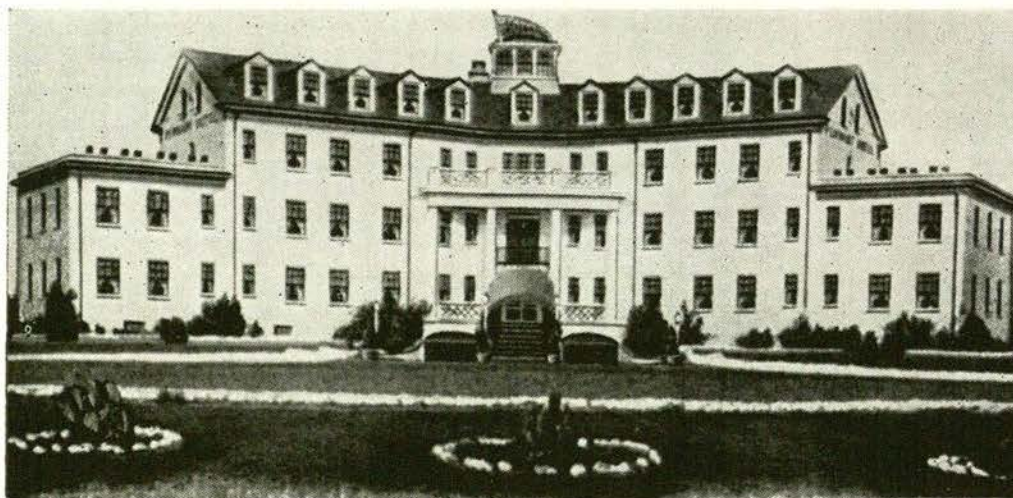
Enrollment cut down; E.R.C. and Naval Reserve called to active duty June 1.  
Miner merger with New Era.  
Hafeli announces that M.S.M. will participate in Intercollegiate sports.  
Total of 193 Miner Reservists to active duty.  
Summer finds Shamrock Club and Kappa Alpha folded.  
Jenkins and Dick are having trouble with their Model T.  
Sandy Simons starts a beard.

### JULY

Prof. Lloyd confuses Tau Beta Pi with Theta Tau.  
The Army definitely is coming in.  
Jerry Kratz brings wife to college.  
Rumor has the R.O.T.C. Juniors back this fall.

HEADQUARTERS FOR STUDENTS AND ALUMNI

## PENNANT HOTEL



QUIET — CLEAN — COMFORTABLE  
TWO DOUBLE BEDS IN EACH ROOM  
Circulating Ice Water — Free Garage

R. E. CARNEY  
Owner

A. A. SMITH  
Manager

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**DRUGSTORE**

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**Miners Are Always Welcome**


TEXTBOOKS AND SUPPLIES

Fountain Service

DINE AND DANCE

at the

**PENNANT  
TAVERN**



Diehl Montgomery

Ray S. Rucker

THE ORIGINAL

**Rolla Liquor Store**

At the Foot of Pine St.

Anything in:

Wines	Beer
Liquors	Champagne
Gin	Soda

("MA") MRS. MALO, Prop.

Phone 62

AUGUST

A.S.T.P. arrives 417 strong.  
 Charlie Mitchell graduates in the middle of the year.  
 Kappa Sigs open their new "milk" bar.  
 News letter to be published by Blue Key.  
 Sievert is a proud papa.  
 Lambda Chi's throw an outdoor party.  
 Sigma Pi cops the softball title.  
 Everybody is studying like mad for finals.

**HOTEL EDWIN LONG**

*The Ozark's Finest and Newest Hotel*

<b>75 Rooms</b>	{	Single \$2.00 .....	\$2.50	}	<b>75 Rooms</b>
		Double \$3.00 .....	\$3.50		

POPULAR PRICED COFFEE SHOP



# SCOTT'S

**THE MINERS' CO-OP AND BOOK EXCHANGE**

SCOTT BLDG.

56 YEARS AT 8TH AND PINE

# BISHOP'S

**WE CARRY THE SMARTEST NATIONALLY ADVERTISED LINES**

HART-SCHAFFNER-MARX SUITS

McGREGOR SWEATERS

STETSON HATS

CURLEE CLOTHES

JARMAN SHOES

WILSON BROS. SHIRTS

COMPLETE MILITARY DEPARTMENT

## SEPTEMBER

Enrollment decreases every semester—only 327 for this fall.

Changes in the Military Department, Shanks becomes a Captain and Colonel  
Mask replaces Herman.

The Dean says no class day.

Al Dick is no longer single.

The Junior R.O.T.C. are to return.

First football win against A.S.T.P. 27-6.

Glee Club reorganized.

Arkansas U. rambles over Miners 59-0.

# **THE TUCKER BROTHERS**

**THE MINERS' FRIENDS**

APPRECIATES YOUR PAST, PRESENT AND  
FUTURE BUSINESS



## **WALLACE TUCKER**

Offers You

The "ROLLAMO SODA SHOP" Where  
MINERS meets MINER over WALLY'S SPECIALS  
HOLLINGSWORTH CANDIES — SNACKS — SOFT DRINKS  
BY THE "ROLLAMO"



## **CHARLIE and HOMER TUCKER**

Offer You

THE "TUCKER DAIRY," HOME OF "ROLLA'S 100% QUALITY  
PASTEURIZED MILK"

ICE CREAM, SOFT DRINKS, AND DAIRY SPECIALTIES  
FOR YOUR PARTIES

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Phone 437



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THE DIVIDEND-PAYING COMPANY OF AMERICA

GEO. T. GERNSEY  
506 Olive, St. Louis  
*Field Supervisor*

MRS. ELLA F. DODE  
1106 Main, Rolla  
*Local Agent*

OCTOBER

Miners lose to Mules 6-0.  
Music Club gets a constitution.  
Frosh dance held at Pennant.  
Miners defeat Illinois Normal 19-6.  
Tau Beta Pi pledges nine men.  
Blue Key pledges thirteen.  
First time in history Miners win homecoming game. Beat Missouri U.  
B Team 18-0.  
Engineers' Club takes scholastic honors.

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CLEANERS**

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PROMPT SERVICE

REPAIRING

We Deliver

Phone 352

**CRUMPLER'S**

STANDARD STORE

CLOTHING

SHOES

HOSIERY

FOR MEN

## NOVEMBER

Miners beat Illinois Wesleyan 8-0 at Walsh Stadium.

Jenkins and Mateer collect their eight bucks. They made it to Chicago on their iron horse.

Miners swamp Cape 25-0.

Theta Tau pledges nine men.

Fred Schmitz heads both A.X.E. and A.I.Ch.E.

Phi Kappa Phi elects eight.

Miners trounce Camp Robinson eleven.

Sever Committee visits M.S.M.

Kansas State Teachers stops Miners winning streak at five games.

Barmeier heads A.P.O.

Miners declared M.I.A.A. football champs.

Lambda Chi's Harvest Dance turns out to be outstanding dance of semester.

Sexauer is drafted.

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Goodbye . . .  
Good Luck . . .  
. . . and . . .  
God Bless You

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DECEMBER

Frosh-Soph game ends in 6-6 tie.

Engineers' Club throws shindig with shortage of women.

Love has come to Johnk and Van Os.

Interfrat Sing plaque missing.

Blue Key to publish Rollamo. .

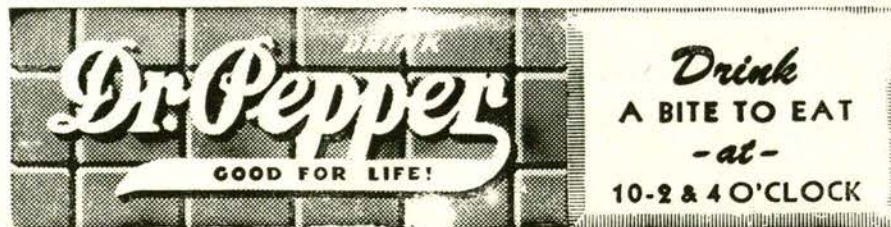
Cagers win first game from Army.

Kappa Sig's introduce new Dawn Dance, a sleepy affair.

Kick takes the count twice in one weekend.

Van Os heads Blue Key, Hoffman A.I.M.E., and Jenkins A.S.M.

Miners welcome vacation.



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JANUARY

Theta Kaps introduce novel hell week trick. Make enemies.  
Roos, LePere and Itterman sucked in by women over holidays.  
Miners keep winning at basketball.  
A.S.M. holds banquet at Paul's.  
Kinder heads Tau Beta Pi.  
Seventy-three seniors to receive degrees.  
The "boys" have an egg supper at the Engineers' Club.  
Kick is new Student Council President.

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## FEBRUARY

Enrollment hits new low of 280 civilian students.  
Bill Hicks gets married.  
Cy takes a train ride to the Pennant.  
Mateer trades iron horses.  
At long last the gym is open for student dances.  
Students taking courses over. Profs so very interesting.  
All good things must come to an end so "We go to Press."

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